

İçindekiler

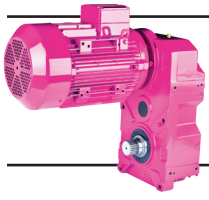
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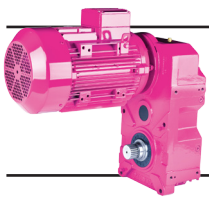
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Genel Bilgiler

General Information

Einführung



Sembollerin Açıklaması

C_t : Anahtarın devreye girme zamanı katsayısı

D_T : Tambur çapı [mm]

f_s : Servis faktörü

f_q : Çıkış miline gelen radyal yöndeki yükler [N]

F_{qam} : Çıkış milinde müsaade edilen radyal yöndeki yükler [N]

H : Kanca yüksekliği [m]

i : Çevrim oranı

k : Donam sayısı

K_m : Yükleme türü

L : Yük [ton]

M_2 : Çıkış momenti [Nm]

n : Vincin saatteki çalışma sayısı

n_1 : Giriş devri [d/dak]

n_2 : Çıkış devri [d/dak]

P_1 : Redüktör giriş gücü [kW]

P_e : Redüktör nominal giriş gücü (Bak. performans tabloları) [kW]

T : Vincin günlük çalışma saati [saat]

V_h : Kaldırma hızı [m/d]

z : Avare makara sayısı

η : Redüktör verimi

η_s : Toplam halat donam düzeni verimi

Key of Symbols

C_t : Coefficient of switch on time

D_T : Drum diameter [mm]

f_s : Service factor

f_q : Overhung loads applied to the output shaft [N]

F_{qam} : Permissible overhung loads applied to output shafts [N]

H : Hook path [m]

i : Transmission ratio

k : Falls

K_m : State of loading

L : Load [tonnes]

M_2 : Output torque [Nm]

n : Number of cycles per hour

n_1 : Input speed of gearbox [rpm]

n_2 : Output speed of gearbox [rpm]

P_1 : Input power of gearbox [kW]

P_e : Nominal power (Given on performance tables) [kW]

T : Crane working time per day [hours]

V_h : Lifting speed [m/min]

z : Number of idle pulleys

η : Gearbox efficiency

η_s : Total rope reeving arrangement efficiency

Erklärung von Bezeichnungen

C_t : Reduktionskoeffizient der Tätigkeitszeit

D_T : Trommeldurchmesser [mm]

f_s : Betriebsfaktor

f_q : Querkräfte auf Abtriebswelle [N]

F_{qam} : Zulässige Querkräfte auf Abtriebswelle [N]

H : Hakenweg [m]

i : Übersetzung

k : Einsicherung

K_m : Lastkollektivfaktor

L : Last [tonnen]

M_2 : Ausgangsdrehmoment [Nm]

n : Anzahl von Starten pro Stunde

n_1 : Antriebsdrehzahl [U/min]

n_2 : Abtriebsdrehzahl [U/min]

P_1 : Antriebsleistung [kW]

P_e : Getriebe Nennleistung [kW]

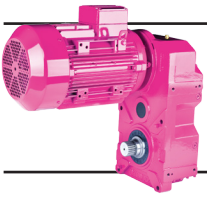
T : Betriebsstunden pro Tag [Stunde]

V_h : Hubgeschwindigkeit [m/min]

z : Anzahl von Losrollen

η : Wirkungsgrad des Getriebes

η_s : Wirkungsgrad von Anordnung der Einsicherung



Genel Bilgiler General Information Einführung



Ürün Yelpazesi

Elinizdeki katalog sadece **V serisi** ürünleri içermektedir.

- M ve N Serisi

Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde ve birbirine paralel uzanan, üzerlerinde bulunan ayak veya flanş ile makina-ya sabitlenen redüktörlerdir. Dolu mil çıkışıdır.

- D Serisi

Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde, birbirine paralel ve belirli bir aralıkta yerleştirilmiş, iki yan yüzde bulunan bağlantı civataları, flanş veya tork kolu ile makina-ya sabitlenen redüktörlerdir. Delik milli veya mil çıkışı olabilir.

- E Serisi

Sonsuz vida ve çark dişlili, belirli bir aralıkta ve birbirine dik konumlandırılmış giriş ve çıkış millerine sahip, çepçevre konumlandırılmış ayak bağlantıları, flanş veya tork kolu ile makina-ya sabitlenen redüktörlerdir. Delik milli veya mil çıkışı olabilir.

- Y Serisi

Yatık tip redüktörler, ağır şartlarda çalışmak üzere dizayn edilmiş redüktör tipleridir. Bu tiplerde redüktör ile bunu tahrik eden mekanizma arasında değişik bağlantı şekilleri mevcuttur (Mekanik ve hidrolik kaplinler, çeşitli tip kayışlar ve zincirle tahrik gibi). Delik milli veya mil çıkışı olabilir.

- K Serisi

Helisel alın dişli ve konik dişlilerden oluşan, birbirine dik ve belirli bir aralıkta konumlandırılmış giriş ve çıkış milline sahip, çepçevre sunulan ayaklar, flanş veya tork kolu ile makina-ya sabitlenen redüktörlerdir. E serisinden farklı olarak yüksek verime sahiptirler. Delik milli veya mil çıkışı olabilir.

- H ve B Serisi

Helisel ve/veya konik dişliye sahip ağır hizmet tipi redüktörlerdir. Giriş ve çıkış milleri birbirine paralel veya dik olabilir. Her yönden bağlantı için ayak bağlantıları bulunur. Opsiyonel olarak flanş ile de bağlanabilir. Delik milli veya mil çıkışı olabilir.

- T Serisi

T Serisi redüktörler helisel dişli iki kademe motorsuz delik milli redüktörlerdir. T Serisi redüktörler delik milli olması ve kompakt gövde yapısı sayesinde daha küçük hacimli alanlara montajı yapılabilmektedir.

- P ve R Serisi

P ve R Serisi redüktörler planet dişli redüktörlerdir. Endüstriyel ve mobil uygulamalarda kullanılırlar. Diğer redüktör tiplerine göre daha küçük hacimde daha büyük tork iletebilirler.

- V Serisi

V vinç redüktörleri M1 - M8 (1Dm - 5m) vinç sınıflarına uygun olarak, çift veya sabit devirli frenli motorlarla üretilebilmektedir.

Production Range

This catalogue is containing V serie of gearboxes only.

- M and N Series

M and N series of YILMAZ REDÜKTÖR are helical geared. The input and output shafts are parallel to each other and on the same plane. The gearbox can be connected to the machine by using the foot or flange on the gearbox. Has solid output shaft.

- D Series

D series are helical geared gearboxes with parallel input and output shafts. The shafts have a distance in between and located on the same plane. The gearbox can be assembled to the machine by using, the connection screws on the sides, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- E Series

E series gearboxes are with worm and worm-wheel. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine by the use of the foot, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- Y Series

Horizontal type gearboxes are designed to operate in heavy conditions. In these types there are a lot of combination forms between gearbox and driver (for example, mechanic and hydraulic couplings, various belt and chain drives etc.). Can have hollow or solid output shaft.

- K Series

These are gearboxes with helical and bevel gears. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine using the foot, flange or torque arm on the gearbox. They have high efficiency compared to E series. Can have hollow or solid output shaft.

- H and B Series

These gearboxes are helical or/and bevel geared industrial gearboxes. The input and output shafts can be arranged parallel or perpendicular to each other. The gearbox can be assembled by the use of the foot connections on each side. Flange connections are optional. Can have hollow or solid output shaft.

- T Series

T Series are gear units which are helical geared, two staged, hollow shaft mounted gear units and manufactured according to monoblock principal. T Series gearboxes have hollow shaft and compact housing so that T series can be mounted on smaller places.

- P and R Series

P and R Series gearboxes are planetary gearboxes. They are mostly used by industrial and mobile applications. Planetary gearboxes can transfer high torques in small volumes compared to other gearboxes.

- V Series

V hoist drives are produced according to M1 - M8 (1Dm - 5m) crane classes.

Produktpalette

Dieses Katalog umfasst nur die **V Serie** Getriebe.

- M und N Serie

Diese Modelle sind Stirnradgetriebe mit parallelen Antriebs- und Abtriebswelle auf einer Ebene. Die Getriebe werden mit Fuß- oder Flanschverbindung an die angetriebene Maschine angekoppelt. Hat Vollwelle am Ausgang.

- D Serie

Diese Getriebe sind Stirnradgetriebe mit paralleler Antriebs- und Abtriebswelle, die auf einer Ebene liegen und einen Abstand zueinander haben. Diese Getriebe wird seitlich mit Gewindelöchern am Maschine oder mit einer Flansch verbindet. Kann Voll- und Hohlwelle am Ausgang haben.

- E Serie

Diese Getriebe bestehen aus Schnecke und Schneckenrad. Die Antriebs- und Abtriebswellen sind senkrecht zueinander und haben einen bestimmten Abstand. Das Getriebe wird mit Fußbefestigung, Flanschverbindung oder mit Drehmomentstütze an die angetriebene Maschine montiert. Kann Voll- und Hohlwelle am Ausgang haben.

- Y Serie

Diese Getrieben sind für Einsatz unter schweren Bedingungen ausgelegt. Bei dieser Ausführung gibt es sehr viele verschiedene Verbindungsmöglichkeiten zwischen Antrieb und Getriebe (Zum Beispiel; mechanische und hydraulische Kupplungen, Riementrieb, Kettentrieb usw.). Kann Voll- und Hohlwelle am Ausgang haben.

- K Serie

Diese Getrieben bestehen aus Stirnräder und Kegelhäder. Die Antrieb und Abtriebswellen sind senkrecht und haben einen Abstand zueinander. Das Getriebe wird mit Fußbefestigung, Flanschverbindung oder Drehmomentstütze an die angetriebene Maschine montiert. Der Wirkungsgrad ist wesentlich höher als E Serie. Kann Voll- und Hohlwelle am Ausgang haben.

- H und B Serie

Diese Getriebe sind geeignet für industrielle Anwendungen und haben parallelen oder senkrechten Antrieb und Abtriebswelle auf einer Ebene. Das Getriebe kann mit Füßen, die auf jede Seite der Getriebe vorhanden sind, oder optional mit Flansch an die angetriebene Maschine montiert werden. Kann Voll- und Hohlwelle am Ausgang haben.

- T Serie

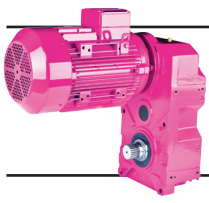
T Serien Getriebe sind zwei stufige, schrägverzahnte Hohlwellenflachgetriebe in Monoblockgehäuse. Die T Serie hat eine kompakte Gehäuse und ist serienmäßig mit Abgangshohlwelle hergestellt, so dass das Getriebe minimalen Platzbedarf hat.

- P und R Serie

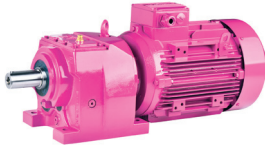
P und R Serie sind Planetengetriebe, die vielseitig im Industrie und bei mobiler Anwendungen einsetzbar sind, mit Planetenzahnräder. Planetengetriebe können im Vergleich zu anderen Getrieben größere Drehmomente bei kleineren Bauvolumen übertragen.

- V Serie

V Krane und Hebezeuge werden geeignet zur Kranklasse M1 - M8 (1Dm - 5m) hergestellt.

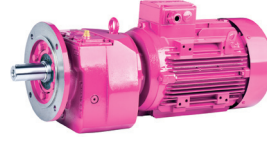


Genel Bilgiler General Information Einführung



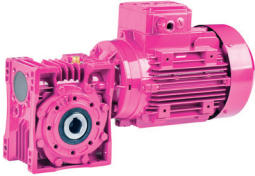
M ...

13 farklı büyüklükte;
Moment aralığı: 50 - 18.000 Nm
Devir aralığı: 0,1 - 500 d/dak
13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm
13 verschiedene Baugrößen:
Drehmomentbereich: 50 - 18.000 Nm
Drehzahlbereich : 0,1 - 500 U/min



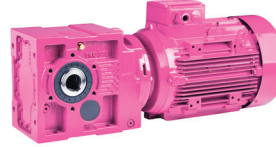
N ...

13 farklı büyüklükte;
Moment aralığı: 50 - 18.000 Nm
Devir aralığı: 0,1 - 500 d/dak
13 different sizes:
Torque range: 50 - 18.000 Nm
Speed range: 0,1 - 500 rpm
13 verschiedene Baugrößen:
Drehmomentbereich: 50 - 18.000 Nm
Drehzahlbereich : 0,1 - 500 U/min



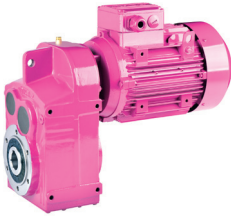
E ...

8 farklı büyüklükte;
Moment aralığı: 5 - 1.000 Nm
Devir aralığı: 0,1 - 400 d/dak
8 different sizes:
Torque range: 5 - 1.000 Nm
Speed range: 0,1 - 400 rpm
8 verschiedene Baugrößen:
Drehmomentbereich: 5-1.000 Nm
Drehzahlbereich : 0,1-400 U/min



K ...

11 farklı büyüklükte;
Moment aralığı: 200 - 15.000 Nm
Devir aralığı: 0,1 - 400 d/dak
11 different sizes:
Torque range: 200 - 15.000 Nm
Speed range: 0,1 - 400 rpm
11 verschiedene Baugrößen:
Drehmomentbereich: 200 - 15.000 Nm
Drehzahlbereich : 0,1 - 400 U/min



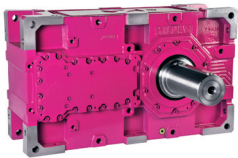
D ...

10 farklı büyüklükte;
Moment aralığı: 130 - 18.000 Nm
Devir aralığı: 0,1 - 350 d/dak
10 different sizes:
Torque range: 130 - 18.000 Nm
Speed range: 0,1 - 350 rpm
10 verschiedene Baugrößen:
Drehmomentbereich: 130 - 18.000 Nm
Drehzahlbereich : 0,1 - 350 U/min



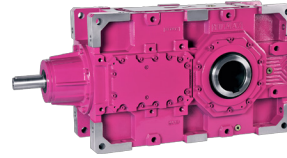
Y ...

25 farklı büyüklükte;
Moment aralığı: 1200 - 43000 Nm
Devir aralığı: 2,6 - 990 d/dak
25 different sizes:
Torque range: 1200 - 43000 Nm
Speed range: 2,6 - 990 rpm
25 verschiedene Baugrößen:
Drehmomentber. :1200-43000 Nm
Drehzahlbereich : 2,6-990 U/min



H ...

14 farklı büyüklükte;
Moment aralığı: 2.500 - 165.000 Nm
Devir aralığı: 0,1 - 250 d/dak
14 different sizes:
Torque range: 2.500 - 165.000 Nm
Speed range: 0,1 - 250 rpm
14 verschiedene Baugrößen:
Drehmomentber. :2.500 - 165.000 Nm
Drehzahlbereich : 0,1 - 250 U/min



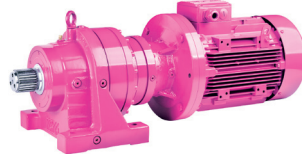
B ...

14 farklı büyüklükte;
Moment aralığı: 5.000 - 165.000 Nm
Devir aralığı: 0,1 - 115 d/dak
14 different sizes:
Torque range: 5.000 - 165.000 Nm
Speed range: 0,1 - 115 rpm
14 verschiedene Baugrößen:
Drehmomentber. :5.000-165.000 Nm
Drehzahlbereich : 0,1-115 U/min



P ...

10 farklı büyüklükte;
Moment aralığı: 1.000 - 50.000 Nm
Tahvil oranları: 3,5 - 3000 arası
10 different sizes:
Torque range: 1.000 - 50.000 Nm
Transmission ratio: 3,5 - 3000
10 verschiedene Baugrößen:
Drehmomentber. : 1.000 - 50.000 Nm
Übersetzung: 3,5 - 3000



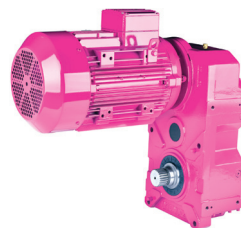
R ...

10 farklı büyüklükte;
Moment aralığı: 1.000 - 50.000 Nm
Tahvil oranları: 3,5 - 3000 arası
10 different sizes:
Torque range: 1.000 - 50.000 Nm
Transmission ratio: 3,5 - 3000
10 verschiedene Baugrößen:
Drehmomentber. : 1.000 - 50.000 Nm
Übersetzung: 3,5 - 3000



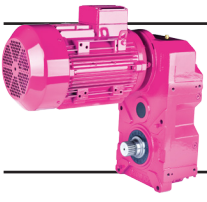
T ...

10 farklı büyüklükte;
Moment aralığı: 200 - 18.000 Nm
Devir aralığı: 46 - 280 d/dak
10 different sizes:
Torque range: 200-18.000 Nm
Speed range: 46-280 rpm
10 verschiedene Baugrößen:
Drehmomentber. :200-18.000 Nm
Drehzahlbereich : 46-280 U/min



VR ...

VR vinç redüktörleri
M1 - M8 ,(1Dm - 5m) yük sınıfı
ISO 4301 / 1 ,(FEM 1.001 / III)
VR Hoist Drive Units
M1 - M8 ,(1Dm - 5m) load classification
ISO 4301 / 1 ,(FEM 1.001 / III)
VR Kran und Hebezeug Getriebe
M1 - M8 ,(1Dm - 5m) Belastungsart
ISO 4301 / 1 ,(FEM 1.001 / III)



Genel Bilgiler General Information Einführung



V Serisi Redüktörlerin Genel Özellikleri

YILMAZ REDÜKTÖR V serisi redüktörleri monoblok gövde prensibine göre üretilen, helisel dişli, üç kademeli vinç tamburu tahrik redüktörleridir.

Monoblok gövde yapısı sayesinde gövde eksenleri tek operasyonda işlenerek yüksek imalat hassasiyeti sağlanmaktadır. V serisi redüktörlerde civata bağlantısı direkt gövde üzerindeki kulaklardan yapılmaktadır. Uzun saplama veya civata gerektirmez. Bu sayede yapılan bağlantı daha rijittir. Giriş ve çıkış eksenleri olabildiğince açık tutulmuştur. Yüksek halat ömrü için büyük çaplardaki tamburların kullanılabilmesi amaçlanmıştır.

V serisi redüktörlerde çıkış mili yataklama boyu uzun, gövde eni geniştir. Yüksek yataklama boyu ve konik masuralı rulmanların kullanılması ile redüktörün radyal yük taşıma kabiliyeti artırılmıştır. Redüktör içerisinde kullanılan geniş dişliler sayesinde daha küçük hacimde daha yüksek ISO / FEM sınıfları karşılanabilmektedir. GG20 - GG22 pik malzemeden dökülen gövde ve yüksek kalitede taşlanmış ve sertleştirilmiş sementasyon çeliği dişliler kalite kontrol sistemi altında sürekli kontrol altında tutularak imal edilebilmektedir. Çıkış milleri DIN 5480'e göre farklı ölçülerde çoklu kamalı olarak üretilmektedir.

Müşteri isteğine göre çift veya tek devirli, frenli motorlarla kullanılabilir. Beş adet gövde büyüklüğüne sahip V serisi redüktörler 0,5 - 50 aralığında tonajlar için kullanılabilir.

YILMAZ REDÜKTÖR olarak tasarım prensibimiz;

- Yüksek teknoloji kullanmak
- Güvenilirlik,
- Yüksek güç yoğunluğu,
- Yüksek verim,
- Montaj uyumluluğu,
- Esnek çözümler

Dikkat Edilecek Hususlar !

- Bu katalogta verilen resimler görsel amaçlıdır ve şekilsel detaylar bağlayıcı değildir.
- YILMAZ REDÜKTÖR, ürünler ve kataloglar üzerinde, müşterileri bilgilendirmeksizin her türlü değişikliği yapma hakkına sahiptir.
- Ürünler teslim alındıktan sonra ürünle birlikte verilen kullanım kılavuzu okunmadan sistem devreye alınmamalıdır.
- Katalogta verilen yağ miktarları referans amaçlıdır. Gerçek yağ seviyesi için redüktör üzerinde bulunan yağ seviye tapası kullanılmalıdır. Yağ viskozitesi için, redüktör etiketine bakınız.
- Bu katalogta verilen redüktör ağırlıkları ortalama ağırlık değerleridir. Tahvil oranına ve üzerinde bağlı olan aksesuara göre ağırlıklar farklılık gösterebilir.

General Specifications of V Series Gearboxes

YILMAZ REDÜKTÖR V series gear units are three stage, helical geared hoist drum drive units produced according to monoblock principal.

With the help of monoblock housing all axes are machined on a single operation to achieve high precision on the production. V series bolt connections are made directly on the housing with the help of easy connection holes which doesn't require long bolts. That ensures rigid mounting. Input and output centre distance is extended as possible for using larger drums to achieve longer rope service lifes.

V series gear unit's output shaft bearing distance is long and housing width is extended. With the help of longer bearing distance and taper rolling bearings they have the capability of withstanding high radial loads. V series are designed for higher ISO / FEM classes with longer gear face widths compared to similar size of products. Housing material is GG20 - GG22 cast iron and gears are made of high quality case carburized steel. Material properties as well as manufacturing processes are controlled constantly. Their output shafts are solid output shafts with spline according to DIN5480 and are produced with different dimensions.

V series gear units are designed for double and single speed brake motors. They have five different sizes between 0,5 - 50 tones load range.

As we are YILMAZ REDÜKTÖR, our design principals are;

- Using high technology
- Reliability
- High power density
- High efficiency
- Mounting compatible
- Flexible solutions

Attention to the following points !

- Drawings are examples only and the details on the drawings or illustrations are not strictly binding.
- YILMAZ REDÜKTÖR reserve the right to make all kinds of changes in products and catalogues without any notice.
- Prior to commissioning, the operating instructions provided with the gearbox must be observed.
- Oil quantities given are guide values only. The exact quantity of oil should be checked by using the provided oil level plugs according mounting positions. For correct oil viscosity refer to the nameplate.
- A different operation then the indicated mounting position on the name plate cancels the warranty. The weights given in this catalogue are mean values. Depending on the ratio and accessories the weights can differ.

Allgemeine Eigenschaften von V Serie Getrieben

YILMAZ REDÜKTÖR V Serie Getriebe sind Antriebseinheiten von Hubwerkstrommel und sind 3-stufig. Sie bestehen aus Stirnradzahnradler und Gehäuse, das auf einmal gegossen wird.

Mit Hilfe von Blockgehäuse werden alle Achsen mit einer Aufspannung bearbeitet. Dieses Vorgehen erlaubt höchste Genauigkeit bei Achsentoleranzen. Schraubenverbindungen von V Serie werden direkt auf dem Gehäuse mit einfachen Anschlusslöchern gemacht. Dies ermöglicht Verwendung von kürzeren Schrauben und dadurch starre Befestigung. Achsenabstand zwischen Ein- und Ausgang ist möglichst lang entworfen. Damit kann größere Trommel mit hoher Seillebensdauer verwendet werden.

V Serie Getriebemotoren haben am Ausgang lange Lagerabstand und Weite von Gehäusen sind erweitert. Mit Hilfe von langer Lagerabstand und Kegelrollenlager können diese Getriebe hohe Querkräfte tragen. V Serie sind entworfen für hohe ISO/FEM Klassen mit langem Zahnradbreiten verglichen mit Getriebe ähnlichen Baugrößen. Gehäuse ist aus GG20 - GG22 Gusseisen und Zahnräder werden aus einsatzgehärteten Stahl mit hoher Qualität hergestellt. Ausgangswellen sind Keilwellen nach DIN 5480 und werden in verschiedenen Dimensionen zur Verfügung gestellt.

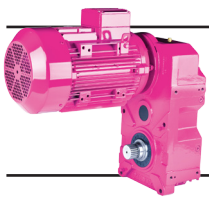
V Serie Getriebemotoren sind entworfen für 1- und 2-Gang-Elektromotoren. Diese Getriebe haben 5 verschiedene Baugrößen zwischen 0.5 und 50 Tonnen Lastbereich.

Als YILMAZ REDÜKTÖR unsere Entwurfsprinzipien sind;

- Verwenden von hohen Fertigungstechniken
- Hohe Betriebssicherheit
- Leistungsdichte
- Hoher Wirkungsgrad
- Universale Montagemöglichkeit
- Sonderlösungen

Bitte folgende Punkte beachten !

- Die Abbildungen sind beispielhaft und nicht verbindlich.
- Alle Änderungen auf dem Katalog und an der Produkte bleiben vorbehalten und können ohne Kenntnisnahme erfolgen.
- Vor Inbetriebnahme ist die mit gelieferter Betriebsanleitung zu beachten.
- Angaben über Ölmengen sind unverbindlich. Maßgebend ist die Ölstandsschraube in der geeigneten Montageposition. Ölviskosität und Sorte muss den Angaben des Typenschildes entsprechen.
- Wenn die Getriebe anders als auf dem Namenschild benannte Bauform eingesetzt werden, verliert die Garantie ihre Gültigkeit. Die angegebenen Gewichte sind unverbindliche Mittelwerte ohne Zubehör; genauere Gewichte sind abhängig von Zubehör und Übersetzung.



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Teknik Tanımlamalar

- Vinç Sınıfları

Bir vinçin sınıfı; toplam aktif çalışma süresi ve yükleme durumuna bağlıdır. ISO 4301 / 1 standardına göre M1...M8, FEM 9.511 / 86 standardına göre 1Dm...5m aralığında vinç sınıfları vardır.

- Yükleme Türü (Yük Dağılım Faktörü)

Bir vinçin yükleme sınıfı sayfa 14'te anlatılan formüllerle belirlenir. Hafif, Orta, Ağır ve Çok Ağır olmak üzere dört çeşit yükleme sınıfı vardır.

- Kaldırma Kapasitesi

Bir vinçin kaldırabileceği maksimum ağırlığı ifade eder.

- Kanca Yüksekliği

Vinçin kancasının en yüksek pozisyonu ile en alt pozisyonu arasındaki mesafedir.

- Halat Donam Düzeni

Halat donam düzeni $N/n_h - h$ şeklinde 3 sayı ile ifade edilir. Burada ;

- N : Toplam halat donam sayısını
- n_h : Tamburdan çıkan halat sayısını
- h : Kanca sayısını ifade eder.

Kanca sayısı genellikle 1 olduğunda yazılmaz. Örneğin 4/1 ; toplam donam sayısının 4, halat sayısının 1 olduğunu ifade eder.

- Toplam Halat Donam Sayısı

Yükün hızı ile, halatın tambura dolandığı noktadaki teğetsel hızı arasındaki orandır.

- Tambur Çapı

Halat tambur çapı aşağıdaki formül ile hesaplanır.

$$D_T = h_1 \cdot xd$$

$$D_T = \text{Tambur çapı}$$

$$d = \text{Halat çapı}$$

$$h_1 = \text{Katsayı (Aşağıdaki tablodan bakınız.)}$$

Technical Explanations

- Crane Classification

The factors to be taken into consideration for the determining the group to which crane belongs to are; total working hours of expected service life and the state of loading. There are crane classes between M1...M8 according to ISO 4301 / 1 standard and between 1Dm...5m classes according to FEM 9.511 / 86 standard.

- State of Loading (Load Spectrum Factor)

You can calculate state of loading of a crane with the formulas written at page 14. There are four different states of loading which are Light, Moderate, Heavy and Very Heavy.

- Load Capacity

Maximum load that a crane can handle.

- Hook Path

Maximum height that a crane can raise or lower the load.

- Rope Reeving Arrangement

Rope reeving arrangement is expressed as $N/n_h - h$ with 3 numbers. As ;

- N : Total falls
- n_h : Rope number
- h : Hook number

Hook number is not written, when it's 1. For example 4/1 means; total falls is 4 and rope number is 1.

- Falls

It is the ratio between the lifting speed and the tangential velocity of the rope at the point where it is wrapping to drum.

- Drum Diameter

Rope drum diameter can be calculated with the below written formulae.

$$D_T = h_1 \cdot xd$$

$$D_T = \text{Drum diameter}$$

$$d = \text{Rope diameter}$$

$$h_1 = \text{Coefficient (Look from the table below.)}$$

Technische Erläuterungen

- Kranklassen

Klasse von einem Kran ist abhängig von gesamten Betriebsstunden bei vorgesehener Lebensdauer und Belastungsart. Es gibt Kranklassen M1 bis M8 nach ISO 4301-1 und 1Dm bis 5m nach FEM 9.511/86.

- Belastungsart (Lastkollektiv)

Man kann Lastkollektivfaktor mit Hilfe von Gleichungen auf der Seite 14 berechnen. Es gibt vier Zustände von Belastung, nämlich Leicht, Mittel, Schwer und Sehr Schwer.

- Belastungskapazität

Maximale Belastung, die von dem Kran getragen werden kann.

- Hakenweg

Hakenweg ist der Abstand zwischen der höchsten und untersten Position von dem Haken.

- Ordnung von der Seileinscherung

Ordnung von Seileinscherung wird ausgedrückt als $N/n_h - h$ mit 3 Zahlen.

- N : Gesamteinscherung
- n_h : Seilnummer
- h : Hakennummer

Haken Nummer wird nicht geschrieben, wenn es 1 beträgt. Zum Beispiel 4/1 bedeutet Gesamteinscherung ist 4 und Seilnummer 1 ist.

- Einscherung

Es ist das Verhältnis zwischen der Hubgeschwindigkeit und der Geschwindigkeit des Seils an dem Punkt, wo Seil tangential zu der Trommel abgewickelt wird.

- Trommeldurchmesser

Trommeldurchmesser kann mit dem unten gegebenen Formeln berechnet werden.

$$D_T = h_1 \cdot xd$$

$$D_T = \text{Trommeldurchmesser}$$

$$d = \text{Seildurchmesser}$$

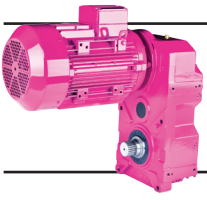
$$h_1 = \text{Koeffizient (Sehen Sie folgende Tabelle)}$$

FEM Grubu FEM Group FEM Gruppe	Dönmeyen Halat Nonflexible Rope Nicht drehendes Seil	Dönebilen Halat Standard Rope Drehendes Seil
1Em	10	11.2
1Dm	11.2	12.5
1Cm	12.5	14
1Bm	14	16
1Am	16	18
2m	18	20
3m	20	22.4
4m	22.4	25
5m	25	28

Güç devir sayfalarında verilen vinç sınıfları sadece reductörler için verilmiştir. Vinçin diğer aksamaları için üretici firma kendi kontrolünü yapmalıdır.

Crane Classes which are given on performance tables only for gearboxes. Crane producers must make their calculations for other equipments.

Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nur für Getriebe. Die Kranhersteller müssen andere Krankomponenten selber kontrollieren.



Genel Bilgiler General Information Einführung



- Çıkış Momenti (M_2) [Nm]

Motorun verdiği momentin tahvil oranı ve verimle ile çarpılarak elde edilen değerdir. Redüktörün çıkışından alınabilecek momentü gösterir.

- Nominal Güç (P_e) [kW]

Nominal güç, redüktörün belirtilen ISO / FEM sınıfına göre mekanik olarak taşıyabildiği güçtür. Redüktörlerin nominal güçleri, performans tablolarında verilmiştir.

- Çevrim oranı (i)

Redüktörün giriş devrinin çıkış devrine oranıdır.

- Müsade Edilen Radyal Yükler Fqam [N]

Redüktörün çıkış milinde mil ortasından müsaade edilen radyal yüklerdir.

Teknik Özellikler

- Ses seviyesi

Redüktörlerimizin ses seviyesi VDI 2159' da verilen redüktörler için müsaade edilen ses seviyelerinin altındadır.

- Boya ve Korozyon Koruması

Redüktörlerin standart rengi DIN1843'e göre RAL 7031 dir. İstek üzerine farklı renklerde boyanabilir. Nemli ve korozif bölgeler için istek üzerine farklı boya uygulanabilir.

- Yağlama

V Serisi redüktörler yağlama tablolarında verilen yağlar ile doldurulmaktadır. Yağ detayları için yağlama bölümüne bakınız.

- Aksesuarlar

V Serisi redüktörlerde aşağıdaki aksesuarlar kullanılabilir.

- Tambur bağlantı flanşı
- Özel keçe çözümleri
- Şeffaf yağ seviye göstergesi
- Farklı özelliklerde elektromanyetik frenler
- Termistör
- Manuel kollu fren

Diğer özel aksesuarlar için lütfen, YILMAZ REDÜKTÖR ile temasa geçiniz.

- Output Torque (M_2) [Nm]

Multiplication of motor output torque with transmission ratio and efficiency gives the result of output torque at the output shaft of the gear unit.

- Nominal Power (P_e) [kW]

The nominal power is the power which gearbox can mechanically resist under the required ISO / FEM classification. The nominal powers are given on the performance tables.

- Ratio (i)

Ratio between output shaft speed and input shaft speed.

- Permissible Overhung Loads Fqam [N]

Permissible overhung loads at the midpoint of the output shaft of gearboxes.

Technical Specifications

- Noise Level

The noise level of our gearboxes is below the permitted values defined in VDI guidelines 2159 for gear units.

- Coating and Corrosion Protection

The gearboxes are painted with RAL 7031 according to DIN1843. Different colors are available upon request. Paintings for high humidity or chemically aggressive environments are available upon request.

- Lubrication

V series of gearboxes are filled with oils which is indicated on lubrication tables. For lubrication details please refer to the lubrication section.

- Accessories

The following accessories can be applied to V series gearboxes.

- Drum connection flange
- Special sealing solutions
- Oil level indicator
- Electromagnetic brakes with different specifications
- Thermistor
- Manual brake

For other accessories please contact, YILMAZ REDÜKTÖR.

- Ausgangsmoment (M_2) [Nm]

Multiplikation von Ausgangsmoment des Motors mit Übersetzung und Division das Ergebnis mit Wirkungsgrad ergibt den Betrag von Ausgangsmoment der Getriebe.

- Nennleistung (P_e) [kW]

Die Nennleistung ist die Leistung, die von Getriebe mechanisch unter der angeforderten ISO / FEM-Gruppierung tragen werden kann. Die Nennleistungen basieren sich auf Leistungstabellen.

- Übersetzung (i)

Wird aus dem Verhältnis von Ausgang- zu Eingangswinkelgeschwindigkeit bestimmt.

- Zulässige Querkräfte Fqam [N]

Zulässigen Querkräfte, die am Mittelpunkt der Abtriebswelle von Getrieben einwirken.

Technische Informationen

- Geräuschpegel

Geräuschstärken aller Getriebe bleiben unter die zulässigen Werte, die für die Getriebe in der VDI-Richtlinie 2159 festgelegt sind.

- Lackierung und Korrosionsschutz

Die Getriebe werden mit der Farbe RAL 7031 nach DIN1843 lackiert. Auf Wunsch sind Sonderlackierungen möglich. Alle Getriebe können auf Wunsch auch in korrosionsgeschützter Ausführung für aggressive Umgebungen geliefert werden.

- Schmierung

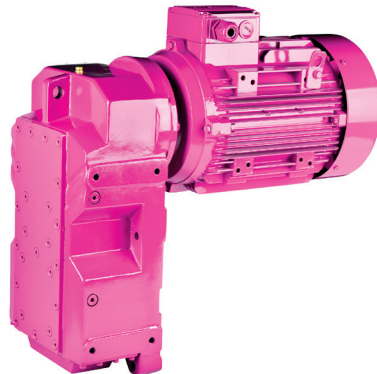
V Serien Getriebe werden mit Ölen entsprechend der Schmierungstabellen, falls nicht anders vereinbart, geliefert. Für weitere Schmierungsangaben siehe Kapitel Schmierung.

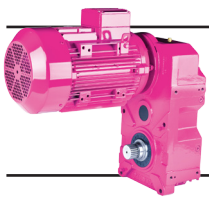
- Zubehör

Folgendes Zubehör kann mit V Serien Getriebe geliefert werden.

- Trommelflansch
- Spezielle Dichtungslösungen
- Ölstandsanzeige
- Elektromagnetische Bremsen mit unterschiedlichen Eigenschaften
- Thermistorschutz
- Bremse mit Bremshebel

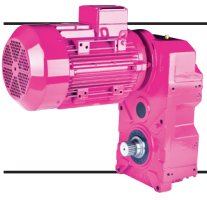
Für weiteres Zubehör kontaktieren Sie bitte mit, YILMAZ REDÜKTÖR.





Genel Bilgiler
General Information
Einführung





Genel Bilgiler General Information Einführung



Tip Tanımlaması / Unit Designation / Typenbezeichnungen

V R 5 7 3 . 1K - 3 E132S / 4C - L10

Fren / Brake / Bremse

L-230V **Fanlı** / With Fan / Mit Lüfter

P-24V **Fanlı** / With Fan / Mit Lüfter

S-230 V **Fansız** / Without Fan / Ohne Lüfter

Z-24 V **Fansız** / Without Fan / Ohne Lüfter

00- 5 Nm **10-** 100 Nm

01- 10 Nm **20-** 200 Nm

02- 25 Nm **30-** 300 Nm

04- 40 Nm **40-** 400 Nm

05- 50 Nm **50-** 500 Nm

Kutup sayısı / Number of poles / Anzahl der Polen

Motor Büyüklüğü / Motor Size / Motorbaugröße

E132S / 4

Kutup Sayısı / Pole Number / Anzahl der Polen

Gövde uzunluğu / Frame Length / Gehäuselänge des Motors

Motor büyüklüğü / Motor size / Motorbaugröße

Motor tipi / Motor type / Motortyp

Motor Verim Sınıfı / Motor Efficiency Class / Motor-Effizienzklasse

Çoklu Kamalı Mil Çıkışı (DIN5480)

Output Shaft with Spline (DIN5480)

Keilwelle nach (DIN5480)

1K Standart / Standard / Standard

1L Opsiyonel / Optional / Auswählbar

1M Opsiyonel / Optional / Auswählbar (Sadece VR673 için / Only for VR673 / Nur für VR673)

Kademe Sayısı / Stage / Anzahl der Stufen

3 Kademe / 3 Stages / 3-stufig

Revizyon Numarası / Revision Number / Änderungsnummer

Gövde Büyüklük / Housing Size / Größe der Gehäuse

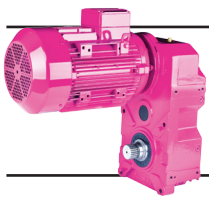
2...8

Giriş Tipi / Input Type / Eingangstyp

R : **Motorlu / With Motor / Mit Motor**

Redüktör Tipi / Gearbox Type / Getriebe

V Serisi / V Serie / V Serie



Genel Bilgiler

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Motor Büyüklüğüne Göre Geometrik Mümkün Çevrim Oranları

Geometrically Possible Combinations of Ratios According to Motor Size

Geometrisch mögliche Kombinationen von Übersetzungen nach Motorbaugröße

Tip Type Typ	Motor Büyüklüğü / Motor Size / Motorbaugröße													
	63	71	80	90	100	112	132	160	180	200	225	250	280	315
VR273	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 120,49	25,44 - 83,46	25,44 - 60,39	-	-	-	-	-	-	-
VR373	32,11 - 121,67	32,11 - 121,67	32,11 - 121,67	32,11 - 121,67	23,58 - 121,67	23,58 - 106,69	23,58 - 79,34	-	-	-	-	-	-	-
VR473	-	95,87 - 138,35	95,87 - 138,35	95,87 - 138,35	34,28 - 138,35	28,45 - 138,35	28,45 - 121,49	28,45 - 81,00 101,48	-	-	-	-	-	-
VR573	-	-	51,97 107,18 - 163,77	51,97 107,18 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 143,35	28,30 - 42,62 58,36 - 87,90	-	-	-	-	-
VR673	-	-	-	-	119,86 - 213,15	119,86 - 213,15	58,54 - 213,15	58,54 - 213,15	58,54 - 134,51	58,54 - 102,10	-	-	-	-
VR773	-	-	-	-	148,95 - 233,77	148,95 - 233,77	76,29 - 233,77	49,45 - 233,77	49,45 - 166,50	49,45 - 128,81	49,45 - 85,99	-	-	-
VR873	-	-	-	-	152,83 - 170,32	152,83 - 170,32	81,40 - 170,32	53,03 - 170,32	53,03 - 170,32	46,82 - 134,22	46,82 - 91,16	46,82 - 91,16	46,82 - 69,01	46,82 - 69,01

Vinç Tamburu Bağlantı Flanşı

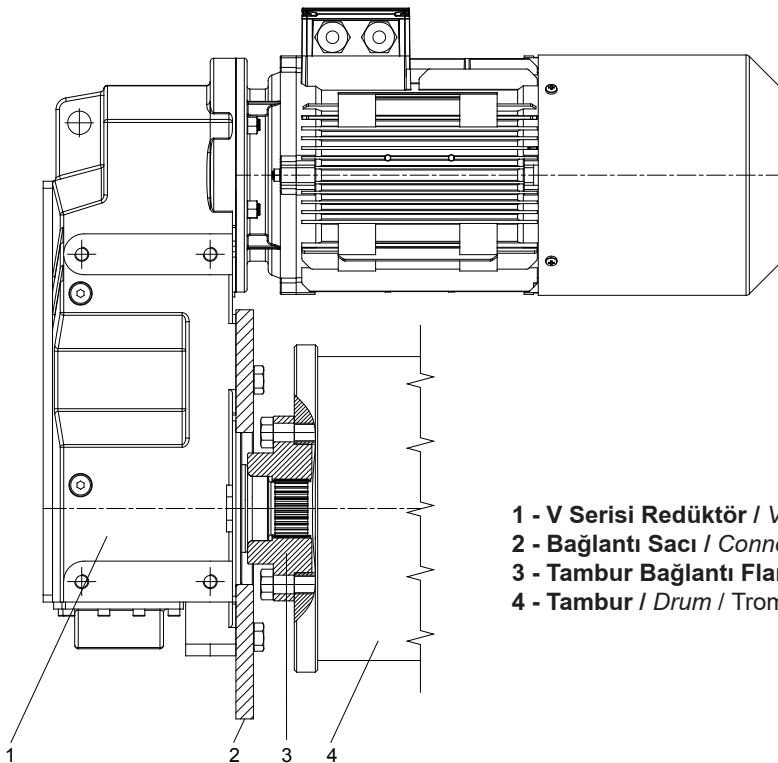
V serisi redüktörlerin çıkış milleri standart olarak DIN 5480 standardına göre çoklu kamalı olarak üretilmektedir. Aşağıdaki örnek montaj resminde görüldüğü gibi redüktör mili ile tambur arasındaki bağlantı tambur bağlantı flanşı ile sağlanabilir. Yılmaz Redüktör her redüktör büyüklüğü için çıkış mil çoklu kama standardına uyumlu tambur bağlantı flanşını opsiyonel olarak sunmaktadır. Ölçü sayfalarında tambur bağlantı flanşı ölçülerini bulabilirsiniz.

Drum Connection Flange

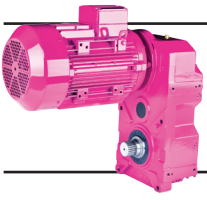
V series gearboxes output shafts are with spline according to DIN 5480 standard. As you can see on the below drawing the connection between gearbox output shaft and drum can be established by drum connection flange. You can order this optional connection flange suitable to our output shaft with spline according to DIN 5480. You can find the dimensions of these flanges at dimension pages.

Trommelflansch

V Serie Getriebemotoren haben am Ausgang Keilwelle nach DIN 5480. Verbindung von Getriebeausgangswelle mit Trommel durch Trommelflansch wurde auf dem unteren Abbildung dargestellt. Diese auswählbare Verbindungsflansch geeignet zur Keilwelle nach DIN 5480 kann von uns bestellt werden. Die Abmessungen von diesem Flansch kann von der Abmessungsseiten abgelesen werden.



- 1 - V Serisi Redüktör / V Series Gearbox / V Serie Getriebe
- 2 - Bağlantı Sacı / Connection Plate / Verbindungsplatte
- 3 - Tambur Bağlantı Flanşı / Drum Connection Flange / Trommelflansch
- 4 - Tambur / Drum / Trommel



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Vinçler için redüktör seçimi; endüstriyel redüktörlerde kullanılan servis faktörü veya ISO 4301 / 1 ve FEM 9.511 / 86 standartlarında anlatılan vinç sınıflandırmaları kullanılarak yapılabilir. Vinç sektörüne özel olarak geliştirilen V serisi redüktörle rimizin seçimlerinin ISO (FEM) vinç sınıflarının kullanılarak yapılması tavsiye edilir (sayfa 13). Sayfa 15'te vinç sınıflarına karşılık gelen servis faktörleri gösterilmiştir.

Servis Faktörü

Servis faktörü (fs) redüktörün çalıştığı şartlar ile uyumlu olması için gerekli olan katsayıdır. "fs =1" Düzgün ve sakin yüklerde, günlük sekiz saat ve saatte yüz start çalışmayı karşılar.

Aşağıdaki etkenlere bağlıdır:

- Günlük çalışma süresi
- Yük sınıfı
- Bir saatteki start sayısı
- Redüktör tahrik tipi
- Diğer gözlemler

Bu etkenleri göz önüne aldığımızda, gerekli servis faktörünü belirlemek için:

1. Makinanın günlük çalışma süresi tespit edilir.
2. Makinanın ne türde yükler verdiği tespit edilir.

- U - Düzgün ve sabit yükler
- M - Orta darbeli yükler
- H - Ağır darbeli yükler

3. Saatteki start sayısı tespit edilir.
4. İlk üç maddeye bağlı servis faktörü aşağıdaki tablodan seçilir.

Gearboxes for crane industry can be selected either using industrial service factor or ISO 4301 / 1 (FEM 9.511 / 86) standards crane classification system. Using ISO (FEM) classifications explained on page 13 is recommended for choosing V series gearboxes, which are specifically designed for crane industry. Service factor value for a specific crane class can be seen at comparison table at page 15.

Service Factor

Service Factor (fs) is a coefficient, which takes into account the different running conditions of the driven machine. "fs=1" is used for uniform loads 8 hours working per day and up to 100 starts per hour.

Service factor depends on:

- Running time
- Nature of load
- Frequency of starting
- Driver type
- Other considerations

For the right selection of the needed service factor for your machine;

1. Determine the running time of driven machine.
2. Select the nature of load of driven machine

- U - Uniform loads
- M - Moderate loads
- H - Heavy shock loads

3. Determine frequency of starting
4. After determining the above mentioned factors, the service factor can be easily selected from the table given below.

Getriebe für Kran und Hebezeuge kann entweder mit Betriebsfaktor oder mit Kranklasse nach ISO 4301-1 (FEM 9.511/86) ausgelegt werden. Verwendung von ISO-Gruppierung (FEM), erklärt auf der Seite 13, wird empfohlen bei der Auswahl von V Serie Getrieben. Betriebsfaktor für eine bestimmte Kranklasse kann von der Vergleichstabelle auf der Seite 15 abgelesen werden.

Betriebsfaktor

Der Betriebsfaktor (fs) ist ein faktor für die Getriebe, damit sie unter den Betriebsbedingungen sicher arbeiten. "fs =1" steht für gleichförmige Belastung, 8 Stunden pro Tag und bis zu 100 Schaltungen pro Stunde.

Betriebsfaktor ist abhängig von:

- Betriebsdauer
- Belastungsart
- Schalthäufigkeit
- Antriebsart
- Andere Faktoren

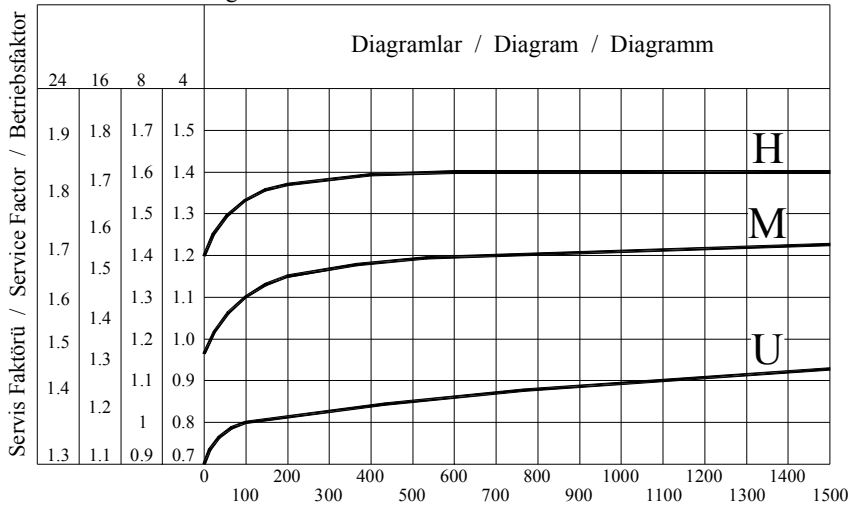
Um die richtigen Betriebsfaktor festzulegen;

1. Betriebsdauer der angetriebenen Maschine bestimmen.
2. Belastungsart der angetriebenen Maschine auswählen.

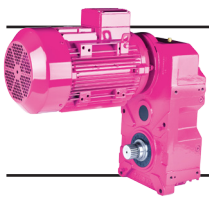
- U - Gleichförmige Belastung
- M - Ungleichförmige Belastung
- H - Stark Ungleichförmige Belastung

3. Schalthäufigkeit bestimmen.
4. Nach Bestimmen der oben angegebenen Werte, können die Betriebsfaktoren von der unten stehenden Tabelle entnommen werden.

Günlük Çalışma Süresi
Operating Time hour / Day
Laufzeit Std. / Tag



Start sayısı / Saat
Cycle / Hour
Schaltungen / Std.



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Vinç Uygulamalarında Sınıflandırma ISO 4301 / 1 (FEM 9.511 / 86)

Bir vincin kullanım sınıfı belirlenirken ilk önce; yüklü olarak günlük ortalama aktif çalışma süresi belirlenmelidir. Vincin kanca yüksekliği, saatteki çalışma sayısı, işletmenin günlük çalışma saati (mesai) ve kaldırma hızı biliniyorsa aşağıdaki formül yardımıyla günlük ortalama aktif çalışma süresi saat cinsinden hesaplanabilir.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : Kanca yüksekliği [m]

n : Saatteki çalışma sayısı

T : Günlük çalışma saati

V_h : Kaldırma hızı [m/d]

Hesaplanan günlük ortalama aktif çalışma süresi, yılda kaç gün kullanılacağı ve beklenen ömrü yıl olarak belirlendikten sonra, bir vincin sadece hareket halindeyken kullanım halinde olduğu düşünülerek, bu üç değer çarpılmasıyla toplam beklenen kullanım zamanı saat cinsinden belirlenir. Toplam kullanım zamanına göre 10 sınıf vardır. Vincin kullanım sınıfı aşağıdaki tablodan okunur.

Crane Classifications ISO 4301 / 1 (FEM 9.511 / 86)

While determining class of utilization of a crane, we have to calculate average daily utilization time in hours. We can calculate average daily utilization time with the help of below written formula if we know crane's hook path, number of cycles per hour, working time per day and lifting speed.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : Hook path [m]

n : Number of cycles per hour

T : Working hours per day

V_h : Lifting speed [m/min]

After we calculate average daily utilization time, we can determine maximum total duration of use in hours by multiplying average daily utilization time, the number of working days per year and the number of years of expected service. There are 10 utilization classes according to total duration of use, which we can read from below table.

Kranklassen ISO 4301-1 (FEM 9.511/86)

Bei der Bestimmung der Laufzeitklasse von Kran soll durchschnittliche Laufzeit pro Tag in Stunden festgestellt werden. Man kann die durchschnittliche Laufzeit pro Tag mit Hilfe von unten angegebener Gleichung berechnen. Dabei braucht man Hakenweg, Anzahl von Startzyklen pro Stunde, Betriebsstunde pro Tag und Hubgeschwindigkeit zu wissen.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : Hakenweg [m]

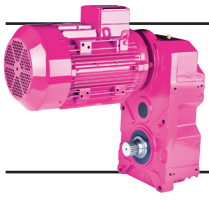
n : Anzahl von Startzyklen pro Stunde

T : Betriebsstunde pro Tag

V_h : Hubgeschwindigkeit [m/min]

Nachdem man durchschnittliche Laufzeit pro Tag berechnet hat, kann maximale Gesamtlaufzeit in Stunde festgestellt werden, indem man durchschnittliche Laufzeit, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer multipliziert. Es gibt 10 Laufzeitklassen entsprechend zu Gesamtlaufzeit, die von der unteren Tabelle abgelesen werden kann.

Kullanım Sınıfı Class of Utilization Laufzeitklasse	Toplam Kullanım Zamanı [saat] Total Duration of Use [hour] Gesamtlaufzeit [Stunde]
T ₀	200
T ₁	400
T ₂	800
T ₃	1600
T ₄	3200
T ₅	6300
T ₆	12500
T ₇	25000
T ₈	50000
T ₉	100000



Genel Bilgiler General Information Einführung



İkinci olarak vincin yük sınıfının ne olduğunun belirlenmesi gerekir. Aşağıdaki eşdeğer yük formülü yardımıyla K_m yük faktörü belirlenir.

$$K_m = \sum_{i=1..n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : Her bir yükteki çalışma süresi

t_T : Toplam kullanım süresi

P_i : Her bir yükün miktarı

P_{\max} : Maksimum yükün miktarı

n : Toplam yük değişim sayısı

$$K_m = \frac{t_1}{t_T} \left(\frac{P_1}{P_{\max}} \right)^3 + \frac{t_2}{t_T} \left(\frac{P_2}{P_{\max}} \right)^3 + \dots + \frac{t_n}{t_T} \left(\frac{P_n}{P_{\max}} \right)^3$$

Hesaplanan K_m değeri ile aşağıdaki tabloda verilmiş olan K_m değerleri karşılaştırılarak vincin yükleme türüne karar verilir.

Secondly we have to determine the state of loading of the crane. We can calculate load spectrum factor K_m with below written formula.

$$K_m = \sum_{i=1..n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : Average duration of use at the individual load levels.

t_T : Total of all the individual durations at all load levels

P_i : Individual loading magnitudes

P_{\max} : Greatest loading magnitude

n : Total number of individual load levels

$$K_m = \frac{t_1}{t_T} \left(\frac{P_1}{P_{\max}} \right)^3 + \frac{t_2}{t_T} \left(\frac{P_2}{P_{\max}} \right)^3 + \dots + \frac{t_n}{t_T} \left(\frac{P_n}{P_{\max}} \right)^3$$

The nominal load spectrum factor for the crane is then established by matching the calculated load spectrum factor to the closest (higher) nominal value of K_m given at below table

Zweitens soll Lastkollektiv von Kran bestimmt werden. Wir können Lastkollektivfaktor K_m mit unterer Gleichung berechnen.

$$K_m = \sum_{i=1..n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : Durchschnittliche Laufzeit bei verschiedene Belastungsstufen

t_T : Alle Laufzeiten zusammen bei allen Belastungsstufen

P_i : Amplituden von jeweiliger Belastung

P_{\max} : Größte Amplitude der Belastung

n : Anzahl von verschiedene Belastungsstufen

$$K_m = \frac{t_1}{t_T} \left(\frac{P_1}{P_{\max}} \right)^3 + \frac{t_2}{t_T} \left(\frac{P_2}{P_{\max}} \right)^3 + \dots + \frac{t_n}{t_T} \left(\frac{P_n}{P_{\max}} \right)^3$$

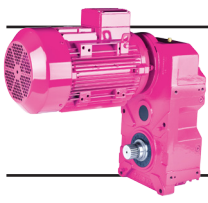
Der Lastkollektivfaktor K_m wird mittels Vergleich zwischen berechneter und angegebene Werte nach unterer Tabelle beschlossen.

Yükleme Türü State of Loading Belastungsstufen	K_m	
L1 - HAFIF L1 - LIGHT L1 - LEICHT	0,125	Genellikle hafif ağırlıkları, sadece özel durumlarda (nadiren) maksimum yükleri kaldıran vinçler. Cranes subjected very rarely to the maximum load and, normally, to light loads. Kräne, die ausnahmsweise der Höchstbeanspruchung und laufend weit geringeren Beanspruchungen unterzogen werden.
L2 - ORTA L2 - MODERATE L2 - MITTEL	0,25	Genellikle orta derecedeki yükleri, ancak oldukça sık da maksimum yükleri kaldıran vinçler. Cranes subjected fairly frequently to the maximum load but, normally, to rather moderate loads. Kräne, die ungefähr während gleicher Zeitfristen schwachen, mittleren und Höchsten Beanspruchungen unterzogen werden.
L3 - AĞIR L3 - HEAVY L3 - SCHWER	0,50	Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinçler. Cranes subjected frequently to the maximum load and, normally, to loads of heavy magnitude. Kräne, die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden.
L4 - ÇOK AĞIR L4 - VERY HEAVY L4 - SEHR SCHWER	1,00	Genellikle maksimum yükleri kaldıran vinçler. Cranes subjected regularly to the maximum load. Kräne, die regelmäßig mit Höchstbeanspruchung unterzogen werden.

Vincin kullanım sınıfı ve yükleme türü belirlendikten sonra yan sayfadaki tablodan vincin ISO (FEM) sınıfı belirlenir. Kullanılacak redüktörün sınıfının, burada belirlediğimiz vinç sınıfının üzerinde veya aynı sınıfta olması gerekir. Kataloğumuzun güç ve devir sayfalarından, belirli tonaj ve donam sayısında, V serisi redüktörümüzün hangi ISO (FEM) sınıflarını sağladıkları görülebilir. **Burada verilen vinç sınıfları redüktör dışındaki vinç ekipmanlarını kapsamaz.**

Having determined the class of utilization and the state of loading, the ISO (FEM) classification of a crane can be determined from the table at next page. Suitable gearboxes class has to be same or higher then the class of the crane. You can see the ISO (FEM) classes at specific tones and falls of our V series gearboxes at performance tables. **Crane classes which are given on the performance tables do not cover other crane equipments except gearboxes.**

Nach der Bestimmung der Laufzeitklasse und Lastkollektiv kann der ISO (FEM) -Gruppierung eines Krans aus der Tabelle auf der nächsten Seite bestimmt werden. Geeignetes Getriebe muss gleiche oder höhere Kranklasse haben. Sie können die ISO (FEM) -Klassen bei bestimmter Belastung und Einsicherung des V-Serie Getriebes auf die Leistungstabellen finden. **Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.**



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Yük Sınıfı State of Loading Belastungsstufen	K_m	Vinç Sınıfları (ISO 4301 / 1 (FEM 9.511 / 86)) Crane Classes (ISO 4301 / 1 (FEM 9.511 / 86)) Kranklassen (ISO 4301 / 1 (FEM 9.511 / 86))									
		T ₀	T ₁	T ₂	T ₃	T ₄	T ₅	T ₆	T ₇	T ₈	T ₉
L1 - HAFİF L1 - LIGHT L1 - LEICHT	0,125			M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)
L2 - ORTA L2 - MODERATE L2 - MITTEL	0,25		M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	
L3 - AĞIR L3 - HEAVY L3 - SCHWER	0,50	M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)		
L4 - ÇOK AĞIR L4 - VERY HEAVY L4 - SEHR SCHWER	1,00	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)			

Vinç Sınıfları - Endüstriyel Servis Faktörü Tablosu

V serisi redüktörümüzün "fs=1" şartı için taşıdığı güçler performans tablolarında verilmiştir. Aşağıdaki vinç sınıfları - servis faktörü karşılaştırma tablosu ile gerekli servis faktörü belirlenir. Daha sonra V serisi performans tablolarından bağlanabilecek emniyetli motor gücü belirlenir.

Crane Classes - Industrial Service Factor Table

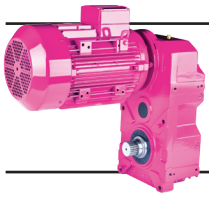
You can find nominal powers of our V series gearboxes for "fs=1" condition at performance tables. With the help of the following comparison table and V series performance tables you can determine required service factor for a specific crane class and maximum input motor power.

Kranklassen - Tabelle von industriellen Betriebsfaktor

Sie können Nennleistungen unserer V-Serie Getriebe für "fs=1" auf der Leistungstabellen finden. Mit Hilfe der folgenden Vergleichstabelle und V-Serie Leistungstabellen kann erforderlicher Betriebsfaktor für eine bestimmte Kranklasse und maximale Motoreingangsleistung bestimmt werden.

Yük Sınıfı State of Loading Belastungsstufen	K_m	Servis Faktörleri Service Factors Betriebsfaktoren									
		T ₀	T ₁	T ₂	T ₃	T ₄	T ₅	T ₆	T ₇	T ₈	T ₉
L1 - HAFİF L1 - LIGHT L1 - LEICHT	0,125			0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4
L2 - ORTA L2 - MODERATE L2 - MITTEL	0,25		0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4	
L3 - AĞIR L3 - HEAVY L3 - SCHWER	0,50	0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4		
L4 - ÇOK AĞIR L4 - VERY HEAVY L4 - SEHR SCHWER	1,00	0,8	0,8	0,8	0,8	0,9	1,1	1,4			

ISO (FEM)	M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)
fs	0,8	0,8	0,8	0,8	0,8	0,9	1,1	1,4



Genel Bilgiler General Information Einführung



Vinç Sınıfları - Endüstriyel Servis Faktörü Tablosu ve Performans Tabloları Kullanılarak Redüktör Seçimi

Kataloğumuzun güç ve devir sayfalarında verilmeyen bir tonajda veya tambur çapında kullanılacak bir vinç için redüktör seçimi yapılacaksa ilk önce redüktörün çıkışındaki gerekli tork ve devir ihtiyacı aşağıdaki formüller kullanılarak belirlenmelidir.

Tork :

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_s}$$

M_2 : Redüktör çıkışında gerekli tork [Nm]

L : Yük [kg]

D_T : Tambur çapı [mm]

k : Donam sayısı

η_s : Halat donam düzeni verimi

Halat donam düzeni verimi : Toplam halat donam düzeni veriminin belirlenmesinde aşağıdaki formül kullanılır.

$$\eta_s = \eta_F \times \eta_A^z \times \eta_T$$

η_s : Toplam halat donam düzeni verimi

η_F : Avare makaralar haricinde donama dahil olan makaraların toplam verimi

η_A : Tek avare makara verimi

η_T : Ana tambur verimi

z : Avare makara sayısı

η_R avare harici bir makaranın verimidir. Vinçlerde genel olarak avare makara kullanılmaz; bu durumda z sıfır alınır. η_T ana tambur verimi ve makara verimi için herhangi bir veri yok ise yaklaşık olarak 0,98 alınabilir.

η_F avare makaralar haricinde donama dahil olan makaraların toplam verimi aşağıdaki formülden hesaplanır.

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R : 0,98

k : Donam sayısı

Yukarıdaki formüller kullanılarak belirli donam sayıları için yaklaşık olarak hesaplanan toplam halat donam düzeni verimleri yan sayfadaki tablodan okunabilir.

How to Use Performance Tables and Crane Classes - Industrial Service Factor Table for Selection of Gearbox

If you want to choose a gearbox for a crane that's tonnage and drum diameter is not at our performance tables, first you have to calculate required output torque and output speed of gearbox by using below written formulas.

Torque:

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_s}$$

M_2 : Required output torque [Nm]

L : Load [kg]

D_T : Drum diameter [mm]

k : Falls

η_s : Rope reeving arrangement efficiency

Rope reeving arrangement efficiency : Total efficiency is calculated by using below formula.

$$\eta_s = \eta_F \times \eta_A^z \times \eta_T$$

η_s : Total rope reeving arrangement efficiency

η_F : Total efficiency of the pulleys except idle pulleys

η_A : One idle pulleys efficiency

η_T : Main drum efficiency

z : Number of idle pulleys

η_R is one pulley's efficiency except idle pulleys. At cranes usually there is no idle pulleys, so z can be considered as zero. If there is no information about η_T main drum efficiency and pulley efficiency both can be considered as 0,98. η_F total pulley efficiency except idle pulleys can be calculated by using below formula.

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R : 0,98

k : Falls

Efficiency values; calculated approximately for some number of falls by using above written formulas can be read from the table at next page.

Verwendung von Leistungstabellen und Kranklasse-Betriebsfaktor-Vergleichstabelle für Getriebeauswahl

Wenn Sie ein Getriebe für einen Kran, dessen Tonnage und Trommeldurchmesser nicht auf unserem Katalog steht, wählen wollen, müssen Sie zunächst erforderliche Drehmoment und Abtriebsdrehzahl des Getriebes mit unten geschrieben Formeln berechnen.

Drehmoment:

$$M_2 = \frac{L \times 9,81 \times (D_T/2000)}{k \times \eta_s}$$

M_2 : Erforderliches Abtriebsmoment [Nm]

L : Last [kg]

D_T : Trommeldurchmesser [mm]

k : Einscherung

η_s : Wirkungsgrad von Anordnung der Einscherung

Wirkungsgrad von Anordnung der Einscherung: Gesamtwirkungsgrad wird berechnet durch folgende Gleichung.

$$\eta_s = \eta_F \times \eta_A^z \times \eta_T$$

η_s : Wirkungsgrad von Anordnung der Einscherung

η_F : Gesamteffizienz von Rollen außer Losrollen

η_A : Effizienz von einer Losrolle

η_T : Effizienz von Haupttrommel

z : Anzahl von Losrollen

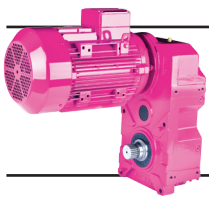
η_R ist die Effizienz einer Rolle außer Losrollen. Bei Kräne gibt es gewöhnlich keine Losrollen, deswegen z kann als null angenommen werden. Wenn es keine Information über η_T gibt, kann Trommelwirkungsgrad und Rollenwirkungsgrad als 0,98 angenommen werden. η_F Gesamttrollenwirkungsgrad außer Losrollen kann mit folgender Gleichung bestimmt werden.

$$\eta_F = \frac{1}{k} \times \frac{1 - \eta_R^k}{1 - \eta_R}$$

η_R : 0,98

k : Einscherung

Von der Tabelle auf der nächsten Seite kann für bestimmte Einscherungen ungefähre Gesamtwirkungsgrad von Anordnung der Einscherung abgelesen werden.



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Donam Sayısı [k]	Toplam Halat Donam Düzeni Verimi [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Devir : İstenen kaldırma hızının belirli bir tambur çapında sağlanabilmesi için redüktörün gerekli çıkış devri aşağıdaki formülle hesaplanır.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2 : Redüktör çıkış devri [d/d]

V_h : Kaldırma hızı [m/d]

D_T : Tambur çapı [mm]

k : Donam sayısı

Giriş gücü : Gerekli çıkış torku ve çıkış devri belirlendikten sonra aşağıdaki formül kullanılarak redüktörün giriş gücü belirlenir.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1 : Redüktör giriş gücü [kW]

M_2 : Redüktör çıkış torku [Nm]

n_2 : Redüktör çıkış devri [d/d]

η : Redüktör verimi, yaklaşık olarak 0,94 alınabilir.

Redüktör seçimi : Redüktörün giriş gücü belirlendikten sonra V serisi performans tablolarından uygun redüktör büyüklüğü seçilmelidir. Seçilecek redüktörün çıkış devri hesaplanan çıkış devrine yakın olmalı, seçilen çıkış devrinde ve istenen vinç sınıfında redüktörün nominal giriş gücü, hesaplanan giriş gücünden büyük veya eşit olmalıdır. V serisi performans tablolarında "fs=1" şartı için redüktörlerin taşıdığı güçlerde verilmiştir. İstenilen vinç sınıfı için sayfa 15 te bulunan Vinç sınıfları - Endüstriyel servis faktörü karşılaştırma tablosu kullanılarak gerekli servis faktörü belirlenip, redüktör tipi seçimi yapılabilir.

Falls [k]	Total Rope Reeving Arrangement Efficiency [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Speed : Required output speed of gearbox for necessary lifting speed with a specific drum diameter can be calculated by using below written formula.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2 : Output speed [rpm]

V_h : Lifting speed [m/min]

D_T : Drum diameter [mm]

k : Falls

Input power : After determining required output torque and output speed we can calculate gearbox input power by using below formula.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1 : Input power [kW]

M_2 : Output torque [Nm]

n_2 : Output speed [rpm]

η : Gearbox efficiency, approximately 0,94

Selection of gearbox : After calculating required input power, we can select suitable gearbox from V series performance tables. Selected gearboxes output speed have to be close to the calculated output speed and at selected output speed the nominal power of the gearbox at required crane class have to be equal or bigger than the required input power. You can find nominal powers of V series gearboxes for "fs=1" condition at performance tables. For required crane class you have to find required service factor from crane classes - service factor comparison table at page 15 and select suitable gearbox.

Einscherung [k]	Gesamtwirkungsgrad von der Anordnung der Einscherung [η_s]
1	0,98
2	0,97
4	0,95
6	0,93
8	0,91

Geschwindigkeit : Erforderliche Abtriebsdrehzahl des Getriebes für notwendige Hubgeschwindigkeit mit vorgegebenem Trommeldurchmesser kann mit Hilfe von unterer Gleichung berechnet werden.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2 : Abtriebsdrehzahl [U/min]

V_h : Hubgeschwindigkeit [m/min]

D_T : Trommeldurchmesser [mm]

k : Einscherung

Antriebsleistung : Nach der Bestimmung von erforderliche Abtriebsdrehmoment und Abtriebsdrehzahl man kann Antriebsleistung des Getriebes mit dem unteren Formel berechnen.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

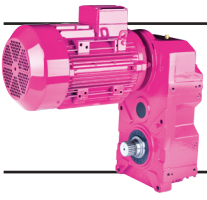
P_1 : Antriebsleistung [kW]

M_2 : Abtriebsdrehmoment [Nm]

n_2 : Abtriebsdrehzahl [U/min]

η : Wirkungsgrad des Getriebes, ungefähr 0.94

Auswahl des Getriebes : Nach der Berechnung von erforderlichen Antriebsleistung, man kann geeignetes Getriebe von der Leistungstabelle der V-Serie auswählen. Abtriebsdrehzahl des ausgewählten Getriebes soll nah an berechnete Abtriebsdrehzahl liegen. Bei dieser Drehzahl soll die Nennleistung des Getriebes mit erforderlicher Kranklasse gleich oder groß von erforderlicher Antriebsleistung sein. Die Nennleistungen von V Serie Getrieben für "fs=1" -Bedingung kann von der Leistungstabellen abgelesen werden. Für erforderliche Kranklasse soll entsprechender Betriebsfaktor von der Vergleichstabelle für Kranklasse und Betriebsfaktor auf der Seite 15 gefunden werden und geeignetes Getriebe ausgewählt werden.



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Radyal Yük Hesabı

Bir vinç sisteminde halatın redüktörün çıkış miline en yakın olduğu, en kötü şart için redüktörün çıkış milinde oluşan radyal yük aşağıdaki formülle yaklaşık olarak hesaplanabilir. Güç devir sayfalarında verilen tonajlar ve donam sayıları için radyal yük kontrolleri yapılmıştır ve ayrıca kontrole gerek yoktur. Güç devir sayfalarında verilmeyen tonaj ve donam sayıları için aşağıdaki formül kullanılarak radyal yük kontrolü yapılabilir.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : Oluşan radyal yük [N]

L : Yük [ton]

k : Donam sayısı

Overhung Load Calculation

Overhung loads for crane systems can be calculated approximately with below written formula, for the condition that the crane rope is closest to the output shaft of gearbox. Gearboxes were checked by calculation and it is not necessary to check again. If you want to calculate overhung load for a specific tones and falls, which are not on performance tables you can use below written formula.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : Overhung load [N]

L : Load [tonnes]

k : Falls

Berechnung der Querkräfte

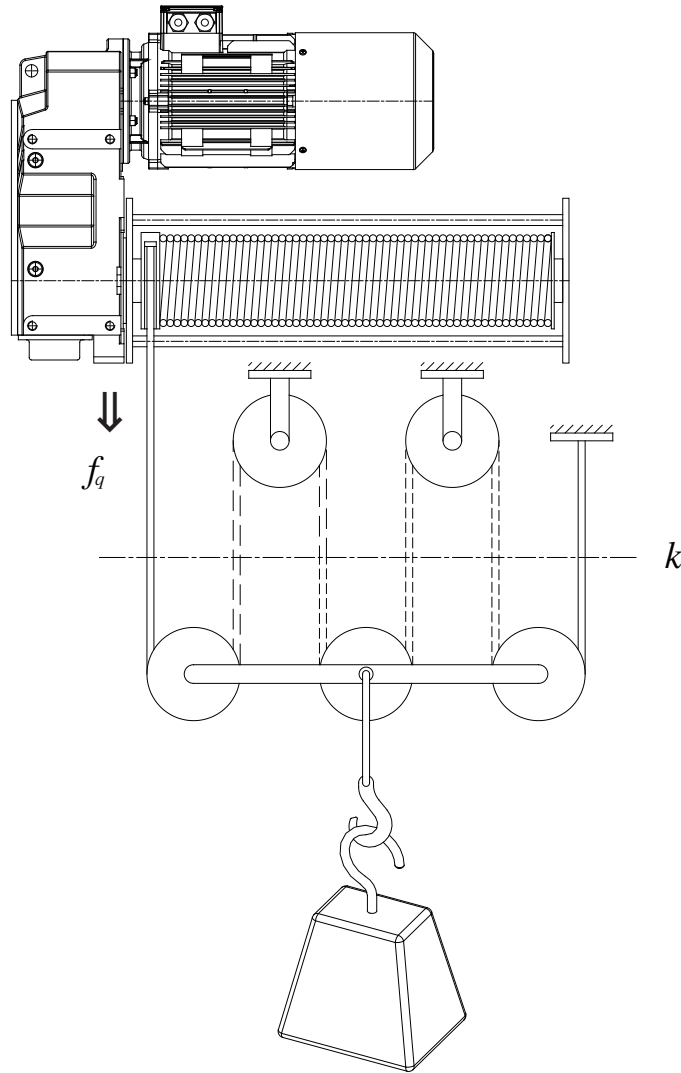
Querkräfte für Krananlagen kann annäherungsweise mit unter geschriebenen Formel für die schlechteste Bedingung, dass das Kranseil zu der Ausgangswelle des Getriebes am nächsten ist, berechnet werden. Getriebe wurden durch Berechnung überprüft, und es ist nicht notwendig, noch einmal überzuprüfen. Wenn Sie Querkraft für eine bestimmte Last und Einscherung, die nicht auf die Leistungstabellen stehen, berechnen wollen, dann soll unten geschriebene Gleichung verwendet werden.

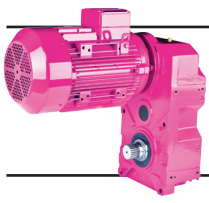
$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : Querkraft [N]

L : Belastung [Tonnen]

k : Einscherung





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Redüktör Dönüş Yönleri

V Serisi ürünlerimiz için kullanılan yön tanımlaması aşağıdaki gibidir.

Direction of Rotation

V Series direction of rotation of are defined as follows.

Getriebedrehrichtungen

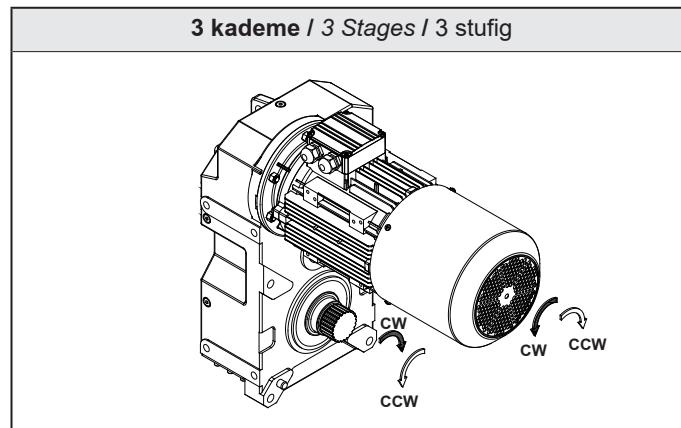
Die Drehrichtungen für V Serie Getriebe sind wie folgt definiert.

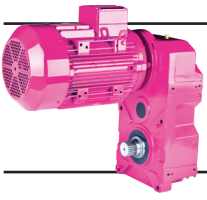
3 Kademe / 3 Stages / 3 stufig	
Saat Yönünde Clockwise im Uhrzeigersinn CW	
Saat Tersî Yönünde Counter Clockwise gegen Uhrzeigersinn CCW	

Giriş mili dönüş yönüne göre çıkış mili dönüş yönleri aşağıdaki gibidir.

Output shaft rotation directions according to the input shaft rotation directions are as follows.

Drehrichtungen der Abtriebswelle im Abhängigkeit von der Antriebswellen sind wie folgt;





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Redüktör Seçim Örneği

Aşağıda özellikleri belirtilen vincin sınıfını belirleyip, güç devir sayfalarından uygun olan redüktörü seçelim.

Tonaj : **10 ton**

Kaldırma hızı : **4 m/dak**

Donam sayısı : **4/1**

Tambur çapı : **270 mm**

Yükleme durumu : **L3 (Ağır)** (Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinç)

Kanca yüksekliği : **6 metre**

Saatteki çalışma sayısı : **8**

Günlük çalışma saati : **8 saat**

Yıllık iş günü : **260 gün**

Beklenen ömür : **6 yıl**

1) Aşağıdaki formül kullanılarak "t" günlük ortalama aktif çalışma süresi hesaplanır.

H: Kanca yüksekliği [m]

n: Saatteki çalışma sayısı

T: Günlük çalışma saati

V_h: Kaldırma hızı [m/d]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ saat}$$

2) Günlük ortalama aktif çalışma süresi, yıllık iş günü ve beklenen ömür çarpılarak toplam kullanım zamanı hesaplanır.

$$3.2 \times 260 \times 6 = 4992 \text{ saat}$$

3) Sayfa 13'deki kullanım sınıfı tablosundan vincin kullanım sınıfı **T₅** (4992 > 3200) olarak bulunur.

4) Vincin yük sınıfı **L3 (Ağır)** olarak belirtilmiş, kullanım sınıfı da **T₅** olarak belirlenmişti. Sayfa 15'teki vinç sınıfları tablosundan vincin sınıfı **M6 (3m)** olarak bulunur.

Gearbox Selection Tutorial

We are going to determine the class of the crane and choose the suitable gearbox from performance tables, which's technical properties are written below.

Load : **10 tonnes**

Lifting speed : **4 m/m**

Falls : **4/1**

Drum diameter : **270 mm**

State of loading : **L3 (Heavy)** (Crane subjected frequently to the maximum load and, normally, to loads of heavy magnitude)

Hook path : **6 meters**

Number of cycles per hour : **8**

Working time per day : **8 hours**

Number of working days per year : **260 days**

Number of years of expected service : **6 years**

1) We calculate "t" average daily utilization time with the help of below written formula.

H: Hook path [m]

n: Number of cycles per hour

T: Working hours per day

V_h: Lifting speed [m/min]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ hours}$$

2) We calculate total duration of use by multiplying average daily utilization time, the number of working days per year and the number of years of expected service.

$$3.2 \times 260 \times 6 = 4992 \text{ hours}$$

3) We can read utilization class of the crane as **T₅** (4992 > 3200) from utilization class table at page 13.

4) Crane's load class is **L3 (Heavy)** and we found the utilization class as **T₅**. We can read the class of the crane as **M6 (3m)** from crane classes table at page 15.

Getriebeauswahl Beispiel

Nach den unteren Angaben wird erstens Kran-klasse des Getriebes bestimmt und dann aus der Leistungstabellen wird geeignetes Getriebe ausgewählt.

Belastung: **10 Tonnen**

Hubgeschwindigkeit: **4 m/min.**

Einsicherung: **4/1**

Trommeldurchmesser: **270 mm**

Beladungszustand: **L3(Schwer)** (Kräne, die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden)

Hakenweg: **6 Meter**

Anzahl von Starten pro Stunde: **8**

Betriebsstunden pro Tag: **8 Stunden**

Anzahl von Betriebstagen pro Jahr: **260 Tagen**

Jahren von erwartetem Lebensdauer: **6 Jahren**

1) Man berechnet "t" durchschnittliche Laufzeit pro Tag mit Hilfe von folgender Gleichung

H: Hakenweg [m]

n: Anzahl von Starten pro Stunde

T: Betriebsstunden pro Tag

V_h: Hubgeschwindigkeit [m/min]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

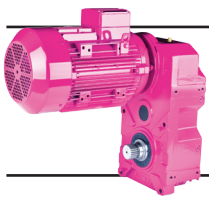
$$t = 3.2 \text{ Stunden}$$

2) Mit der Multiplikation von durchschnittliche Laufzeit pro Tag, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer erhält man Gesamtlaufzeit.

$$3.2 \times 260 \times 6 = 4992 \text{ Stunden}$$

3) Laufzeitklasse von Kran wird von der Tabelle der Laufzeitklasse auf der Seite 13 als **T₅** (4992>3200) abgelesen.

4) Belastungsstufe von Kran ist **L3 (Schwer)** und die Laufzeitklasse wurde als **T₅** festgestellt. Kranklasse wird von der Tabelle auf der Seite 15 als **M6 (3m)** abgelesen.



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5) Vincin tonajı **10 ton**, donam sayısı **4/1**, tambur çapıda **270 mm** olarak verilmiş. Kaldırma hızı olarakta **4 m/dak** isteniyor. Kataloğumuzun güç ve devir sayfalarından **10 ton** tonaj, **4/1** donam sayısı sayfası bulunur (sayfa 171). **270 mm** tambur çapında **4.0 m/dak** kaldırma hızında **M6 (3m)** sınıfını sağlayan **VR573.1K-3E132M/4D** seçilir.

6) **VR573.1K-3E132M/4D**
i (Çevrim Oranı) = **77,63**
Motor gücü / devri = **7,5 kW / 1465 d/d**
Çıkış momenti = **3571 Nm**
Çıkış devri = **19 d/d**
Taşıdığı güvenilir radyal yük = **83614 N**

7) Kataloğumuzun güç ve devir sayfalarında standart olarak verilen tonajlarda ve donam sayılarında, redüktörlerin çıkış millerinde oluşan radyal yükler hesaplanarak kontrolleri yapılmıştır. Belirtilen vinç sınıfları için redüktörlerin taşıdığı güvenilir radyal yükler oluşan radyal yüklerden daha büyüktür. Güç ve devir sayfalarında geçen standart tonaj ve donam sayılarında belirtilen vinç sınıfları için tekrar radyal yük kontrolü yapılmasına gerek yoktur.

5) Crane's load is **10 tonnes**, 4/1 falls and drum diameter is **270 mm**. The required lifting speed is **4 m/min**. We find **10 tonnes** load and 4/1 falls page from our catalogues performance tables (page 171). We choose **VR573.1K-3E132M/4D** which's class is **M6 (3m)** with **270 mm** drum diameter and **4.0 m/min** lifting speed.

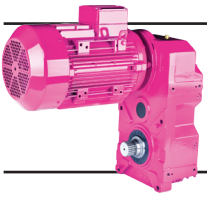
6) **VR573.1K-3E132M/4D**
i (Ratio) = **77,63**
Motor power / speed = **7,5 kW / 1465 rpm**
Output torque = **3571 Nm**
Speed = **19 rpm**
Permissible overhung load = **83614 N**

7) We have checked the occurring overhung loads at the output shafts of our gearboxes for our standard tonnages and falls at our performance tables. For the stated crane classes permissible overhung loads are bigger than the occurring overhung loads. For our standard tonnages and falls checking the occurring overhung loads again is not necessary.

5) Die Belastung von Kran ist **10 Tonnen**, Einscherung ist **4/1** und Trommeldurchmesser ist **270 mm**. Erforderliche Hubgeschwindigkeit beträgt **4 m/min**. Wir gehen zur Seite der Leistungstabelle mit **10 Tonnen** Last und **4/1** Einscherung (Seite 171). Wir wählen **VR573.1K-3E132M/4D** mit Kranklasse **M6 (3m)**, Trommeldurchmesser **270 mm** und Hubgeschwindigkeit **4.0 m/min**.

6) **VR573.1K-3E132M/4D**
i (Übersetzung) = **77,63**
Motor -leistung / -drehzahl = **7,5 kW / 1465 U/min**
Abtriebsdrehmoment = **3571 Nm**
Abtriebsdrehzahl = **19 U/min**
Zulässige Querkraft = **83614 N**

7) Entstandene Querkräfte an der Abtriebswelle des Getriebes werden entsprechend der Belastung und Einscherung überprüft. Für die genannte Kranklassen soll zulässige Querkräfte größer als entstandene Querkräfte sein. Eine nochmalige Überprüfung von Querkräfte ist nicht erforderlich.



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Redüktör Seçim Örneği - 2

Aşağıda özellikleri belirtilen, kataloğumuzun güç ve devir sayfalarında standart olarak bulunmayan tonajda ve tambur çapında kullanılacak olan vinç için, uygun olan redüktörü seçelim.

Tonaj : **15 ton**

Kaldırma hızı : **4,5 m/dak**

Donam sayısı : **4/1**

Tambur çapı : **295 mm**

İstenilen vinç sınıfı : **M6 (3m)**

1) Aşağıdaki formül kullanılarak redüktör çıkış torku bulunur.

$$M_2 = \frac{L \times 9,81 \times (D_T / 2000)}{k \times \eta_s}$$

M_2 : Redüktör çıkışında gerekli tork [Nm]

L : Yük [kg]

D_T : Tambur çapı [mm]

k : Donam sayısı

η_s : Halat donam düzeni verimi

Sayfa 17'de bulunan toplam halat donam düzeni verimi tablosundan 4 donam için toplam verim 0,95 olarak okunur.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712 \text{ Nm}$$

2) Aşağıdaki formül kullanılarak redüktör çıkış devri bulunur.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2 : Redüktör çıkış devri [d/d]

V_h : Kaldırma hızı [metre/dakika]

D_T : Tambur çapı [mm]

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4 \text{ d/dak}$$

Gearbox Selection Tutorial - 2

We are going to select a suitable gearbox for a crane, which will be used with tonnage and drum diameter that are not on our standard performance tables.

Load : **15 tones**

Lifting speed : **4,5 m/min**

Falls : **4/1**

Drum diameter : **295 mm**

Required crane class : **M6 (3m)**

1) We calculate output torque of gearbox with below written formula.

$$M_2 = \frac{L \times 9,81 \times (D_T / 2000)}{k \times \eta_s}$$

M_2 : Required output torque [Nm]

L : Load [kg]

D_T : Drum diameter [mm]

k : Falls

η_s : Rope reeving arrangement efficiency

We read total rope reeving arrangement efficiency of 0,95 for 4/1 falls from the table at page 17.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712 \text{ Nm}$$

2) We calculate the output speed of the gearbox with below written formula.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

n_2 : Output speed [rpm]

V_h : Lifting speed [m/min]

D_T : Drum diameter [mm]

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4 \text{ rpm}$$

Getriebeauswahl Beispiel 2

Wir werden ein Getriebe für ein Kran, der mit einer Belastung und Trommeldurchmesser, deren Werten nicht auf unserem Katalog gefunden werden kann, auswählen.

Belastung: **15 Tonnen**

Hubgeschwindigkeit: **4.5 m/min**

Einsicherung: **4/1**

Trommeldurchmesser: **295 mm**

Erforderliche Kranklasse: **M6 (3m)**

1) Wir berechnen Abtriebsdrehmoment mit Hilfe von folgender Gleichung

$$M_2 = \frac{L \times 9,81 \times (D_T / 2000)}{k \times \eta_s}$$

M_2 : Abtriebsdrehmoment [Nm]

L : Last [kg]

D_T : Trommeldurchmesser [mm]

k : Einsicherung

η_s : Wirkungsgrad von Anordnung der Einsicherung

Wir haben festgestellt, dass Wirkungsgrad von Anordnung der Einsicherung von der Tabelle auf der Seite 17 für 4/1 Einsicherung 0.95 beträgt.

$$M_2 = \frac{15000 \times 9,81 \times (295/2000)}{4 \times 0,95}$$

$$M_2 = 5712 \text{ Nm}$$

2) Wir können Abtriebsdrehzahl von Getriebe mit unterer Gleichung berechnen.

$$n_2 = \frac{V_h \times k}{\pi \times (D_T / 1000)}$$

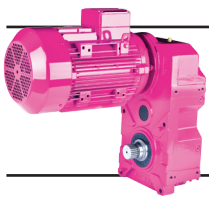
n_2 : Abtriebsdrehzahl [U/min]

V_h : Hubgeschwindigkeit [m/min]

D_T : Trommeldurchmesser [mm]

$$n_2 = \frac{4,5 \times 4}{\pi \times (295/1000)}$$

$$n_2 = 19,4 \text{ U/min}$$



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3) Aşağıdaki formül kullanılarak redüktör ihtiyaç giriş gücü belirlenir.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1 : Redüktör giriş gücü [kW]

M_2 : Redüktör çıkış torku [Nm]

n_2 : Redüktör çıkış devri [d/d]

η : Redüktör verimi, yaklaşık olarak 0,94 alınabilir.

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34 \text{ kW}$$

4) V serisi performans tablolarından **1400 d/d** giriş devrinde çıkış devri **18 d/d**, **M6 (3m)** yük sınıfında nominal giriş gücü **17.58 kW** olan **VR673...** seçilir (sayfa 356).

5) Hesaplanan ihtiyaç giriş gücünü sağlayan **15 kW** motorlu **VR673.1K-3E160L/4D** tip redüktör seçilir.

6) **VR673.1K-3E160L/4D**

$i = 76,17$

Motor gücü = **15 kW**

Çıkış devri = **18 d/d**

Taşıdığı güvenilir radyal yük = **61142 N** M8 (5m) sınıfı için.

7) Redüktör çıkış milinde oluşan radyal yük aşağıdaki formülle hesaplanır.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788 \text{ N}$$

V serisi performans tablolarında redüktörlerin M8 (5m) sınıfındaki güvenilir radyal yükleri verilmiştir. Oluşan radyal yük redüktörün M8 (5m) sınıfında taşıdığı güvenilir radyal yükten daha düşüktür. M6 (3m) sınıfında redüktör daha emniyetli olacaktır. Seçilen redüktörün çıkış milinde oluşan radyal yükün redüktörün M8 (5m) sınıfında taşıdığı güvenilir radyal yükten daha düşük vinç sınıfı için taşıdığı güvenilir radyal yükünün hesaplanması gerekir. Lütfen bu durumda radyal yük kontrolü için bize danışınız.

3) We calculate required input power of the gearbox with the below written formula.

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1 : Input power [kW]

M_2 : Output torque [Nm]

n_2 : Output speed [rpm]

η : Gearbox efficiency, approximately 0,94

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34 \text{ kW}$$

4) We choose **VR673...** which's output speed is **18 rpm**, with **1400 rpm** input speed, nominal input power is **17.58 kW** at **M6 (3m)** crane class from performance tables (page 356).

5) We choose **VR673.1K-160L/4-L20** type gearbox with **15 kW** motor power which is sufficient for calculated required input power.

6) **VR673.1K-3E160L/4D**

$i = 76,17$

Motor power = **15 kW**

Output speed = **18 rpm**

Permissible radial load = **61142 N** for M8 (5m) crane class.

7) We calculate overhung load at output shaft of gearbox with below written formula.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788 \text{ N}$$

You can find permissible overhung loads for M8 (5m) crane class at performance tables. Occurred overhung load is smaller than the permissible overhung load for M8 (5m) crane class. Gearbox is going to be much more safer at M6 (3m) class. If your calculated overhung load is higher than the permissible overhung load at performance tables, please consult us for the calculation of permissible overhung load at your crane's smaller class.

3) Wir berechnen notwendige Eingangsleistung von Getriebe mit dem unteren Formel:

$$P_1 = \frac{M_2 \times n_2}{9550 \times \eta}$$

P_1 : Eingangsleistung

M_2 : Ausgangsdrehmoment

n_2 : Abtriebsdrehzahl

η : Wirkungsgrad des Getriebes, ungefähr 0.94

$$P_1 = \frac{5712 \times 19,4}{9550 \times 0,94}$$

$$P_1 = 12,34 \text{ kW}$$

4) Wir wählen **VR673...**, dessen Abtriebsdrehzahl **18 U/min**, Antriebsdrehzahl **1400 U/min**, Nennleistung am Eingang **17.58 kW** bei **M6 (3m)** Kranklasse nach Leistungstabelle ist (Seite 356).

5) Wir wählen Getriebe **VR673.1K-160L/4-L20** mit **15 kW** Motorleistung, welche genügend für berechneten notwendigen Eingangsleistung ist.

6) **VR673.1K-3E160L/4D**

$i = 76,17$

Motorleistung = **15 kW**

Abtriebsdrehzahl = **18 rpm**

Zulässige Querkraft = **61142 N** für M8 (5m) Kranklasse.

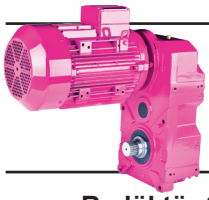
7) Wir berechnen Querkraft am Abtriebswelle der Getriebe mit unten genannten Formeln:

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

$$f_q = \frac{15 \times 9,81 \times 1000}{4}$$

$$f_q = 36788 \text{ N}$$

Zulässige Querkraften für M8 (5m) Kranklasse kann von Leistungstabellen entnommen werden. Entstandene Querkraft soll kleiner als zulässige Querkraft für M8 (5m) Kranklasse sein. Getriebe wird noch sicherer bei M6 (3m) Kranklasse sein. Wenn berechnete Querkraft höher als zulässige Querkraft ist, bitte für Durchführung einer Berechnung mit uns Kontakt aufnehmen.



Genel Bilgiler

General Information

Einführung



Redüktör Seçim Formu

Vinç Sınıfı*.....ISO (FEM)

M4 (1Am) [] M5 (2m) [] M6 (3m) []
M7 (4m) [] M8 (5m) []

Tonaj*
..... ton

Donam Sayısı*
1/1 [] 2/1 [] 4/1 [] 6/1 [] 8/1 []

Tambur Çapı*
..... mm

Kaldırma Hızı*
..... m/dak

Tahrik Şekli*
AC Motor []
AC Motor + Invertör []
DC Motor []

Montaj Pozisyonu*
M1 [] M3 [] M5 [] M6 []
Diğer.....

Motor Gücü:
-Nominal.....kW

Elektrik Gerilimi:
AC-Monofaze [] AC-Trifaze [] DC []
Voltaj.....Volt
Frekans.....Hz

Motor Devri:
-Normal.....d/dak
-En çok.....d/dak
-En az.....d/dak

Motor Torku:
-Normal.....Nm
-En çok.....Nm
-En az.....Nm

Termistör:
Var [] Yok []

Fren Torku:
..... Nm

Fren Soğutması:
Pervaneli [] Pervanesiz []

Fren Voltajı:
230V [] 24V []

Fren için Manuel Kol:
Var [] Yok []

Çevre Şartları:

Normal [] Tozlu [] Nemli []
Korozif [] Kuru []

Deniz seviyesinden yükseklik:

<1000 [] <2000 [] <3000 []
<4000 [] <5000 []

Çıkış Tambur Bağlantı Flansı:

Var [] Yok []

Çıkış mili bağlantı şekli:

Bağlantı elemanı çapı.....mm
Radyal yükü.....N

Çıkış Mili Özelliği:

Standart (DIN 5480) 1K []
Opsiyonel (DIN 5480) 1L []
Opsiyonel (DIN 5480) 1M [] (Sadece VR673)

Motor Koruma Sınıfı:

IP55 [] IP65 [] Exproof []
Diğer IP.....

Montaj yeri:

Küçük kapalı oda (w<1m/sn) []
Kapalı oda (w<3m/sn) []
Büyük oda ve holler (w>=3m/sn) []
Tamamen açık ortam []

Çevre Sıcaklığı:

Ortalama.....°C
En Yüksek.....°C
En Düşük.....°C

Vinç Sınıfı Bilinmiyorsa :

Vinç Günlük Çalışma Saati:

..... saat

Vinç Saatteki Çalışma Sayısı:

.....metre

Vinç Yükleme Sınıfı:

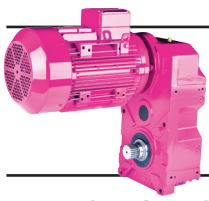
Hafif [] Orta [] Ağır [] Çok Ağır []

Ekler:

Yük diyagramı []
Proje []
İstenen ana boyutlar []
Teknik veriler []

Diğer Notlar:

*: Redüktör seçimi için gerekli, doldurulması zorunlu alanlar.



Genel Bilgiler

General Information

Einführung



Gearbox Selection Form

Crane Class*.....ISO (FEM)

M4 (1Am) [] M5 (2m) [] M6 (3m) []
M7 (4m) [] M8 (5m) []

Load:

..... tones

Falls:

1/1 [] 2/1 [] 4/1 [] 6/1 [] 8/1 []

Drum Diameter:

..... mm

Lifting Speed:

..... m/m

Driving Machine:

AC Motor []
AC Motor + Inverter []
DC Motor []

Mounting Position:

M1 [] M3 [] M5 [] M6 []
Other.....

Motor Power:

-Nominal.....kW

Electrical Supply:

AC-1 Phase [] AC-3 Phase [] DC []
Voltage.....Volt
Frequency.....Hz

Motor Speed:

-Normal.....rpm
-Maximum.....rpm
-Minimum.....rpm

Motor Torque:

-Normal.....Nm
-Maximum.....Nm
-Minimum.....Nm

Thermistor:

Yes [] No []

Brake Torque:

..... Nm

Brake Cooling:

With Fan [] Without Fan []

Brake Voltage:

230V [] 24V []

Manual Hand Release:

Yes [] No []

Ambient Conditions:

Normal [] Dusty [] Humid []
Corrosive [] Dry []

Altitude:

<1000 [] <2000 [] <3000 []
<4000 [] <5000 []

Drum Output Connection Flange:

Yes [] No []

Output Shaft Connection Type:

Diameter of connection element.....mm
Radial load.....N

Output Shaft Specification:

Standard (DIN 5480) 1K []
Optional (DIN 5480) 1L []
Optional (DIN 5480) 1M [] (Just VR673)

Motor Protection Class:

IP55 [] IP65 [] Exproof []
Other IP.....

Mounting Place:

Small closed room (w<1m/s) []
Closed room (w<3m/s) []
Big rooms and halls (w>=3m/s) []
Outdoor []

Ambient Temperature:

Average.....°C
Maximum.....°C
Minimum.....°C

If the Class of the Crane doesn't Known :

Operating Hours per Day:

..... hour

Operating Cycles per Hour

.....

Hook Path:

.....meter

State of Loading:

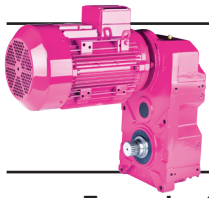
Light [] Moderate [] Heavy []
Very Heavy []

Attachments:

Load Diagram []
Project []
Required Dimensions []
Technical Specifications []

Notes:

* : Mandatory fields for selection of gearbox.



Genel Bilgiler

General Information

Einführung



Formular für Getriebeauswahl

Krankklasse*..... ISO (FEM)

M4 (1Am) [] M5 (2m) [] M6 (3m) []
M7 (4m) [] M8 (5m) []

Last:**

..... Tonnen

Einscherung:**

1/1 [] 2/1 [] 4/1 [] 6/1 [] 8/1 []

Trommeldurchmesser:**

..... mm

Hubgeschwindigkeit:**

..... m/m

Antriebsmaschine:**

AC Motor []
AC Motor mit Frequenzumrichter []
DC Motor []

Montagepositionen:**

M1 [] M3 [] M5 [] M6 []
Andere.....

Motorleistung:

-Nennleistung.....kW

Motorspannung:

AC-Einphasig [] AC-Dreiphasig [] DC []
Spannung.....V
Frequenz.....Hz

Motordrehzahl:

-Nennzahl.....U/min
-Maximal.....U/min
-Minimal.....U/min

Motordrehmoment:

-Nennzahl.....Nm
-Maximal.....Nm
-Minimal.....Nm

Thermistorschutz:

Ja [] Nein []

Drehmoment der Bremse:

..... Nm

Kühlung von Bremse:

Mit Lüfter [] ohne Lüfter []

Bremsenspannung:

230V [] 24V []

Handhebel für Bremse:

Ja [] Nein []

Umgebungsbedingungen:

Üblich [] Staubig [] Feucht []
Korroderend [] Trocken []

Höhenlage über Meeresspiegel (m):

<1000 [] <2000 [] <3000 []
<4000 [] <5000 []

Trommelflansch:

Ja [] Nein []

Verbindung von Ausgangswelle:

Durchmesser von Anschlusselement.....mm
Querkraft.....N

Ausgangswelle:

Standard (DIN 5480) 1K []
Auswählbar (DIN 5480) 1L []
Auswählbar (DIN 5480) 1M [] (Nur für VR673)

Schutzklasse von Motor:

IP55 [] IP65 [] Ex-Schutz []
IP.....

Betriebsort:

Kleine geschlossene Räume (w<1m/sn) []
Geschlossene Räume (w<3m/sn) []
Große Räume und Hallen (w>=3m/sn) []
im Freien []

Umgebungstemperatur:

Mittelwert.....°C
Maximal.....°C
Minimal.....°C

Wenn Krankklasse nicht festgelegt:

Betriebsstunden pro Tag:

..... Stunde

Anzahl von Start-Stop pro Stunde:

.....

Kranhakenhöhe:

.....Meter

Beladungszustand von Getriebe:

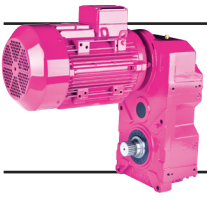
Leicht [] Mittel [] Schwer [] Sehr Schwer []

Anhang:

Lastdiagramm []
Projekt []
Gewünschte Hauptdimensionen []
Technische Daten []

Andere Notizen:

*: Pflichtfelder für die Auswahl des Getriebes.



Genel Bilgiler General Information Einführung



Yağlama

Redüktörlerin uzun ömürlü olması ve iyi performansla çalışabilmesi için, kullanılan yağın seçimi doğru olmalı ve belirtilen zamanlarda değişimleri yapılmalıdır.

Yağın seçiminde devir, çevre sıcaklığı, redüktör yağ sıcaklığı, çalışma koşulları ve yağ ömrü önem taşımaktadır. Redüktörler yağı doldurulmuş olarak sevkedilmektedir. Redüktörler uzun süre depolanacakları zaman veya çalışmaya başlanacağı zaman çalışma konumuna göre üstte kalan tapa sökülmeli ve redüktörün beraberinde verilen havalandırma tapanı kullanılmalıdır. Bu redüktörün iç basıncından dolayı oluşacak yağ sızmalarını önleyecektir.

Redüktörlerde standart olarak kullanılan yağlar yan sayfadaki tabloda verilmiştir. Redüktörünüzde kullanılan yağ tipi için lütfen etiketine bakınız. Siparişte belirtilmez ise V serisi redüktörler **M5** montaj pozisyonuna göre yağ miktarı ile doldurulur. Bu pozisyon dışındaki çalışma durumlarında tablolarda verilen yağ miktarlarına göre ilave veya eksiltme yapılmalıdır. Özel çalışma koşullarında firmamıza danışmanız tavsiye edilir.

Mineral yağlar her 10.000 çalışma saatinde, sentetik yağlar ise her 20.000 çalışma saatinde değiştirilmelidir. Ağır çevre koşullarında (ani ısı değişiklikleri, yüksek nemlilik v.b.) yağ değiştirme periyotlarının kısaltılması tavsiye edilir. Mineral yağlar ile sentetik yağlar birbirine kesinlikle karıştırılmamalıdır. Değiştirme işlemi bir çalışma periyodunun hemen peşinden ve yağ sıcakken yapılmalıdır. Bu şekilde bir değiştirme, redüktör içindeki partiküllerin yağa karışmış olarak bulunmasından dolayı iyi bir temizleme ve yağın rahat boşalması neticesini verecektir.

Lubrication

To work in perfect condition and to have long life for the gear box the lubricant must be chosen correctly and changed in time.

In selection of oil it is important to consider speed, ambient temperature, gear box oil temperature, working conditions and the life required from the lubricant. All units are filled with lubricant before shipping. Before the gearbox is stored for a long time or before starting up, the top plug (according to the working position) must be removed and the extra given vent plug must be replaced. This prevents excessive pressure which causes oil leakages.

The lubricants for standard gear units are given on the table on next page. Please look at your gear units label for filled oil type. If it is not written on the gearbox selection form, the V type gearboxes are filled for mounting position of M5. For other mounting positions please refer to the table given on the next pages. For special working conditions please contact us.

The mineral lubricant should be changed after every 10.000 service hours and the synthetic lubricant should be changed after every 20.000 working hours. If the operation conditions are very heavy (e.g. high temperature differences, high humidity) shorter intervals between changes are recommended. Mineral and synthetic oils must not be mixed up. By changing the lubricant complete cleaning is advised. The oil change should be done after a working period. Because oil is hot in this condition and impurities are mixed with it the changing of oil will be done in best result and the oil will drain easily.

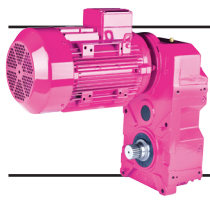
Schmierung

Um eine lange Lebensdauer zu gewährleisten muss der Schmierstoff richtig ausgewählt werden.

Für die richtige Ölauswahl müssen Drehzahl, Umgebungs-temperatur, Belastungsart und Lebensdauer des Öls berücksichtigt werden. Die mitgelieferte Entlüftungsschraube ist vor Inbetriebnahme oder längeren Lagern gegen die Einfüllschraube auszutauschen, um einen Überdruck im Getriebe und damit eine Undichtigkeit des Getriebes zu vermeiden. Getriebe und Getriebemotoren sind bei Auslieferung betriebsfertig gefüllt.

Ohne besondere Bestellangaben werden die Getriebe grundsätzlich mit den auf der folgenden Seite in der grau unterlegten Spalte angegebenen Schmierstoffen gefüllt. Bitte im Getriebe verwendetes Öl von dem Namensschild ablesen. Die V Serie wird für Bauform **M5** gefüllt, wenn bei der Bestellung keine Angaben vorgegeben sind. Für andere Bauformen sind die auf der nächsten Seite angegebenen Füllmengen zu beachten.

Ein Schmierstoffwechsel sollte alle 10.000 Betriebsstunden durchgeführt werden. Für synthetische Produkte verdoppeln sich diese Fristen. Bei extremen Betriebsbedingungen, z.B. hohe Luftfeuchtigkeit, aggressiver Umgebung und hohen Temperaturschwankungen sind kürzere Schmierstoffintervalle vorteilhaft. Es ist empfehlenswert, dem Schmierstoffwechsel mit einer gründlichen Reinigung des Getriebes zu verbinden. Synthetische und mineralische Schmierstoffe dürfen nicht miteinander vermischt werden. Das Ablassen des Öls soll unmittelbar nach dem Abschalten erfolgen, solange das Öl noch warm ist. In dieser Zustand ist das Öl mit den Schmutzpartikeln vermischt, so dass eine Entfernung des Altöls eine gute Reinigung benötigt.



Genel Bilgiler

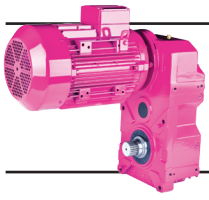
General Information

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Yağ Tipleri / Oil Types / Schmierstoffe

Yağ Cinsi Lubricant Art des Schmier- stoffes	DIN 51517-3	Çevre Sıcaklığı [°C] Ambient Temp. [°C] Umgebungstemp. [°C]	ISO VG	Aral	Beyond Petroleum	Castrol	Klüber Lubrication	Mobil	Shell	Total
		Daldırma Yağlama Dip Lubrication Tauschschmierung								
Mineral Yağlar Mineral Oil Mineralöl	CLP	0 ... +50	680	Degol BG 680	Energol GR-XP 680	Alpha SP 680	Klüberoil GEM 1-680 N	Mobilgear XMP 680	Omala 680	Carter EP 680
		-5 ... +45	460	Degol BG 460	Energol GR-XP 460	Alpha SP 460	Klüberoil GEM 1-460 N	Mobilgear XMP 460	Omala F460	Carter EP 460
		-10 ... +40	320	Degol BG 320	Energol GR-XP 320	Alpha SP 320	Klüberoil GEM 1-320 N	Mobilgear XMP 320	Omala F320	Carter EP 320
		-15 ... +30	220	Degol BG 220	Energol GR-XP 220	Alpha SP 220	Klüberoil GEM 1-220 N	Mobilgear XMP 220	Omala F220	Carter EP 220
		-20 ... +20	150	Degol BG 150	Energol GR-XP 150	Alpha SP 150	Klüberoil GEM 1-150 N	Mobilgear XMP 150	Omala 150	Carter EP 150
		-25... +10	100	Degol BG 100	Energol GR-XP 100	Alpha SP 100	Klüberoil GEM 1-100 N	Mobilgear XMP 100	Omala 100	Carter EP 100
Sentetik Yağlar Synthetic Oil Synthetisches Öl	CLP PG	-10 ... +60	680	Degol GS 680	Energol SG-XP 680	-	Klübersynth GH 6 -680	Mobil Glygoyle 680	Tivela S 680	Carter SY 680
		-20 ... +50	460	Degol GS 460	Energol SG-XP 460	Aphasyn PG 460	Klübersynth GH 6 -460	Mobil Glygoyle 460	Tivela S 460	Carter SY 460
		-25 ... +40	320	Degol GS 320	Energol SG-XP 320	Aphasyn PG 320	Klübersynth GH 6 -320	Mobil Glygoyle 320	Tivela S 320	Carter SY 320
		-30 ... +30	220	Degol GS 220	Energol SG-XP 220	Aphasyn PG 220	Klübersynth GH 6 -220	Mobil Glygoyle 30	Tivela S 220	Carter SY 220
		-35 ... +20	150	Degol GS 150	Energol SG-XP 150	Aphasyn PG 150	Klübersynth GH 6 -150	Mobil Glygoyle 22	Tivela S 150	Carter SY 150
		-40 ... +10	100	-	-	-	Klübersynth GH 6 -100	Mobil Glygoyle 100	-	-
	CLP HC	-10 ... +60	680	-	-	-	Klübersynth GEM 4-680 N	Mobil SHC Gear 680	-	Carter SH 680
		-20 ... +50	460	Degol PAS 460	Energol EP-XF 460	Alphasyn T 460	Klübersynth GEM 4-460 N	Mobil SHC Gear 460	Omala HD 460	Carter SH 460
		-25 ... +40	320	Degol PAS 320	Energol EP-XF 320	Alphasyn T 320	Klübersynth GEM 4-320 N	Mobil SHC Gear 320	Omala HD 320	Carter SH 320
		-30 ... +30	220	Degol PAS 220	Energol EP-XF 220	Alphasyn T 220	Klübersynth GEM 4-220 N	Mobil SHC Gear 220	Omala HD 220	Carter SH 220
		-35 ... +20	150	Degol PAS 150	Energol EP-XF 150	Alphasyn T 150	Klübersynth GEM 4-150 N	-	Omala HD 150	Carter SH 150
		-40 ... +10	100	-	-	-	Klübersynth GEM 4-100 N	-	-	-
Gıda Uyumlu Yağ Food Grade Oil Lebensmittelöl	CLP NSF H1	-15 ... +25	220	-	-	Optileb GT 220	Klüberoil 4 UH1-220 N	Mobil SHC Cibus 220	Cassida Fluid GL-220	Nevastane SL 220
Çevre Dostu Yağ Biodegradable Oil Biologisch abbaubares Öl	CLP E	-25 ... +40	320	-	-	Tribol BioTop 1418-320	Klübersynth GEM 2-320	-	-	Carter Bio 320
Mineral Gresler [-20 +130 Çalışma Sıcaklığı °C] Mineral Grease [-20 +130 Working Temperature °C] Mineral-Fett [-20 +130 Betriebstemperatur °C]				Aralub HL3	Energol LS 3	Spherol AP3	Centoplex 2 EP	Mobilux EP 3	Alvania RL3	Multis Complex EP 2
Sentetik Gresler [-30 +130 Çalışma Sıcaklığı °C] Synthetic Grease [-30 +130 Working Temperature °C] Synthetisches Fett [-30 +130 Betriebstemperatur °C]				-	Energol SY 2202	-	Petamo GHY 133 N	Mobiltemp SHC 100	Cassida RLS 2	Multis Complex SHD 220



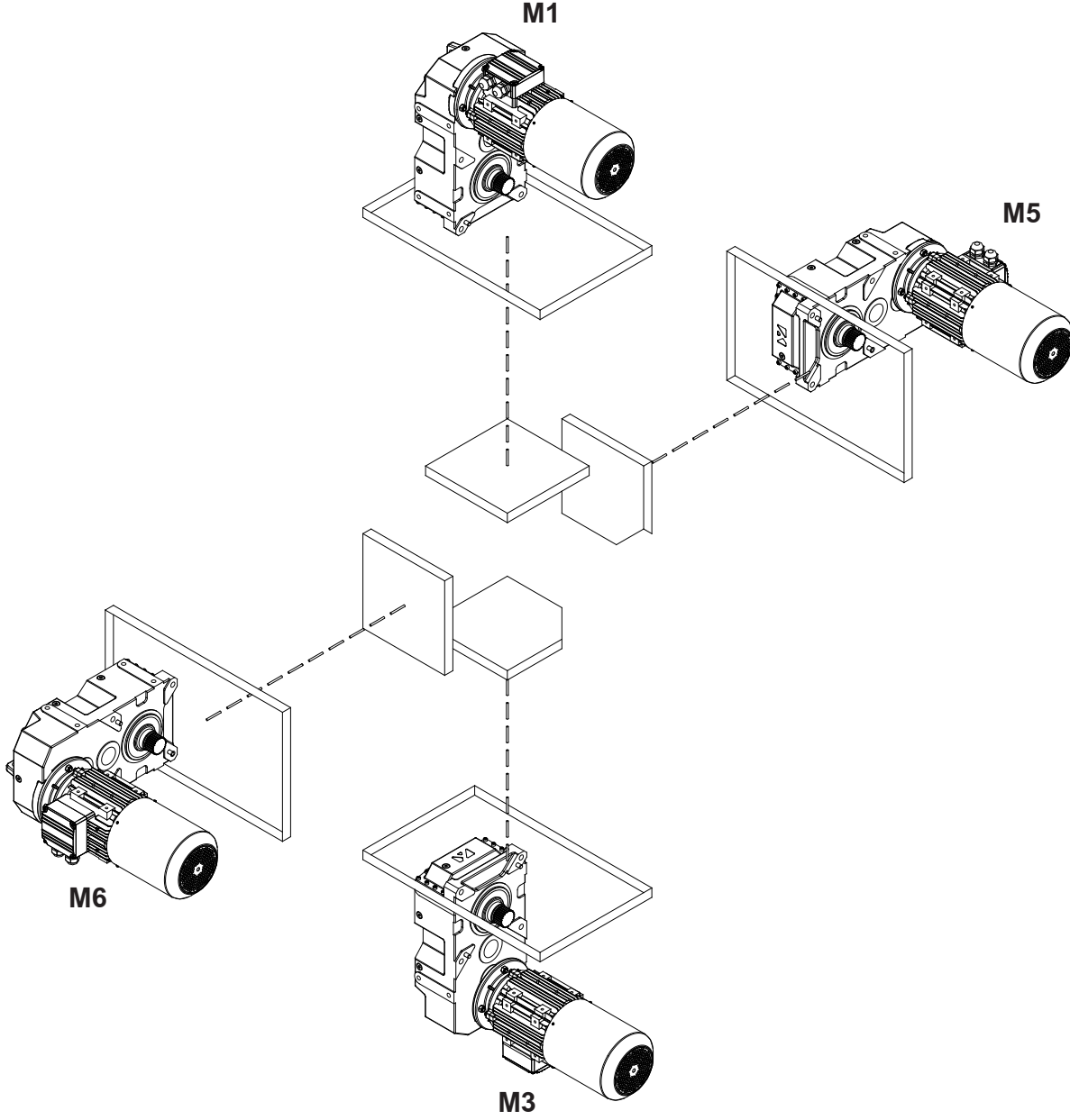
Genel Bilgiler

General Information

Einführung



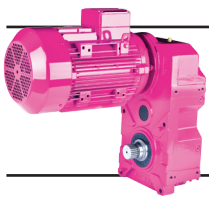
V Serisi Montaj Pozisyonları / V Series Mounting Positions / V Serie Bauformen



M1....M6 'ya kadar belirtilen montaj pozisyonları redüktörün duruş yönü referans alınarak belirlenmiştir.

Figured mounting positions of M1 to M6 are determined as reference of directional position of the gearbox.

Dargestellte Montagepositionen M1 bis M6 wurden nach der Stehrichtung von Getriebe bestimmt.



Genel Bilgiler

General Information

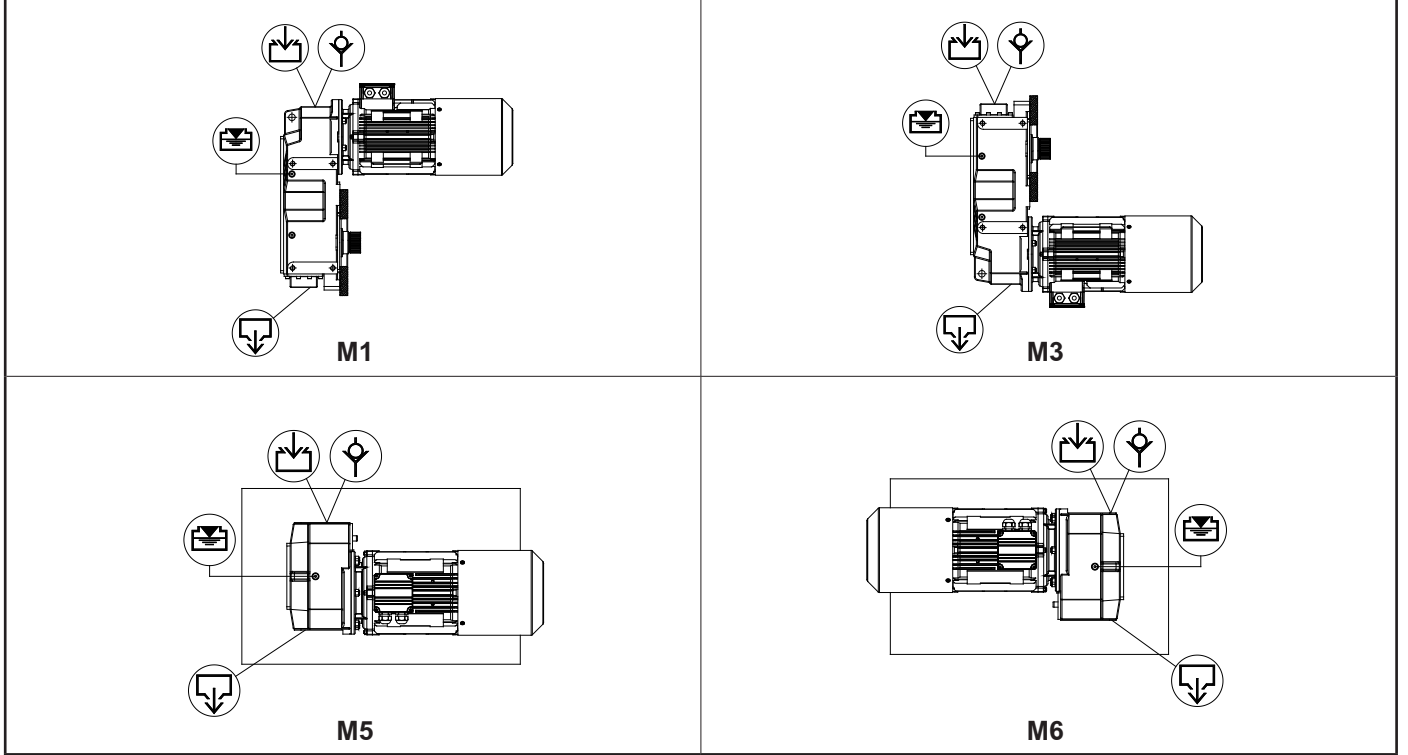
Einführung



V Serisi Redüktörler Yağ Seviye Tapaları

V Series Gearboxes Oil Level Plugs

V Serie Getriebe Ölverschlußschrauben



Yağ Miktarları (lt) / Oil Quantities (lt) / Ölmengen (lt)

Tip Type Typ	V Serisi Yağ Miktarları (lt) V Series Oil Quantities (lt) Ölmengen von V Serie (lt)			
	M1	M3	M5	M6
V273	1,8	2,2	1,45	1,4
V373	3,3	4,0	2,6	2,5
V473	4,5	6,9	4,3	4,1
V573	9,7	12,5	9,2	9,0
V673	16,3	21	16	15,8
V773	30	18	21	20,5
V873	49,5	30	35	34

Semboller :
Symbols :
Symbole :



:Yağ doldurma
:Oil filling
:Ölfüllung



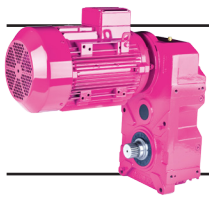
:Yağ boşaltma
:Drain plug
:Ölauslass



:Yağ seviyesi
:Oil level
:Ölstand



:Havalandırma
:Vent Plug
:Entlüftungsschraube



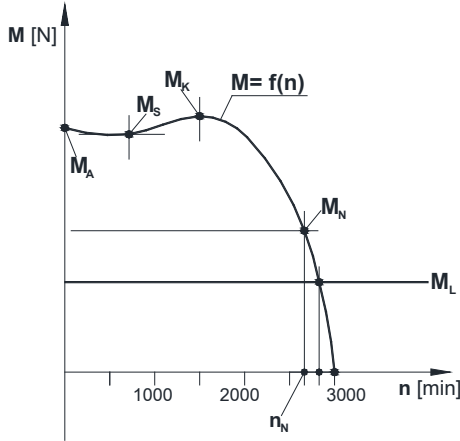
Genel Bilgiler General Information Einführung



MOTORLAR AC Motorlar

a- Genel Özellikler:

Basit konstrüksiyonlu, bakım gerektirmez, güvenilirliği yüksek ve uygun fiyatlı olmaları nedeni ile trifaze asenkron motorlar en çok kullanılan motor tipidir. Bu motorların çalışma karakteristikleri moment-hız eğrisi ile belirlenir. Aşağıda bu karakteristik eğrisine bir örnek verilmiştir.



Motorun her start yapılmasında bu eğriye uygun hareket eder ve yük momenti M ile bu eğrinin çakıştığı nokta, motorun çalışma anındaki moment ve devirini verir.

Statorun manyetik alanı senkron hızla n döner. Kutuplar arasındaki faz kayması 3 fazlı motorlarda 120°'dir.

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: şebeke frekansı [Hz]
p_s.....: statorun kutup sayısı

Rotorun değişken manyetik alanı rotorun statorun manyetik alanının dönüşü yönünde dönmeye başlamasını sağlar. Rotor bu hareketinde statorun manyetik alanını takip eder ama hiçbir zaman yakalayamaz. Rotor statorun manyetik alanının hızından yavaş döner. Rotorun bu hızına baz hız n_N denir. Yükün azalması rotorun hızının artmasını sağlar, aynı zamanda sapma azalmış olur. Sapma aşağıdaki gibi belirlenmiştir:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

Sapmanın miktarına göre motorun nominal değerlerinde şu farklılıklar olabilir.

Sapma s: ± 20%
Kalkış Akımı.....: ± 20%
Kalkış Momenti.....: -15 / +25 %
Kütle Atalet Momenti.....: ± 10%
Verim (37 kW'a kadar).....: -0,15 (1-η)

MOTORS AC Motors

a- General Specifications:

On account of its simple and maintenance free construction, good reliability and price, the three phase squirrel cage motor is one of the most frequently employed electric motors. The run up behavior of a three phase squirrel cage motor is described by the torque-speed characteristic curve. An example is shown below.

M_A: Start momenti / Starting torque / Anlaufmoment

M_S: Demeraj momenti / Pull-up torque / Anziehungsmoment

M_K: Frenleme momenti / Pull-out torque / Bremsungsmoment

M_N: Motorun ilettiği moment / Motor rated torque / Treibmoment

M_L: Yük momenti / Load torque / Lastmoment

The motor follows this torque characteristics up to its stable operating point every time, when it is switched on. Operating point is that point, where the moment speed curve intersects with load torque M line.

The magnetic field in the stator rotates at a synchronous speed n. Phase shift of each pole is 120° at 3 phase motors.

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: supply frequency [Hz]
p_s.....: number of stator poles

Because of the alternating magnetic field in the rotor, the rotor starts running in the same direction of the stator flux and tries to catch up with the rotating flux. The rotor never catches up the stator field. The rotor runs slower than the speed of the stator field. This speed is called the base speed n_N.

A decrease in load will cause the rotor to speed up or decrease slip. The slip is defined as follows:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

According to the slip, the nominal values of the electric motor can alter as follows:

Slip s: ± 20%
Starting current: ± 20%
Starting torque: -15 / +25 %
Moment of inertia.....: ± 10%
Efficiency (up to 37 kW).....: -0,15 (1-η)

MOTOREN Drehstrommotoren:

a- Allgemeine Eigenschaften

Wegen die wartungsarme und leichte Konstruktion, hohe Sicherheit bei Nutzung und günstige Preise werden die asynchrone Drehstrommotoren am meisten benutzt. Motoranlaufverhalten wird mit Moment-Drehzahl-Kurve charakterisiert. Ein Beispiel ist unten angegeben.

Der Drehstrommotor läuft diese Kurve bei jeder Anlauf, bis dem stabilen Betriebspunkt erreicht wird. Betriebspunkt ist der Zustand, bei dem die Moment-Drehzahl-Kurve sich mit der Linie von erforderlichen Moment M schneidet.

Magnetisches Feld von Stator dreht sich mit synchroner Geschwindigkeit n. Phasenverschiebung von den Polen ist 120° bei 3phasigen Drehstrommotoren.

$$n_s = 120 \times \frac{f}{p_s}$$

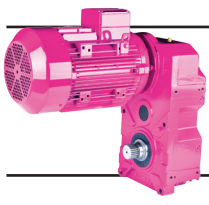
f.....: Frequenz der Spannung [Hz]
p_s.....: Anzahl der Polen von Stator

Durch das magnetische Wechselfeld in den Rotor, beginnt der Rotor sich in der gleichen Richtung des Statorflusses zu drehen und versucht diese Bewegung aufzuholen. Der Rotor kann den Statorfeld nie aufholen. Die Rotorgeschwindigkeit nennt man Basisgeschwindigkeit n_N. Eine Abnahme der Belastung bewirkt, dass der Rotor sich beschleunigt und der Schlupf sich verringert. Der Schlupf wird wie folgt definiert:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

Für die nominale Werte der Drehstrommotoren sind folgende Abweichungen zulässig:

Schlupf s: ± 20%
Anzugsstrom: ± 20%
Anzugsmoment: -15 / +25 %
Massentägheitsmoment: ± 10%
Wirkungsgrad (bis 37 kW).....: -0,15 (1-η)



Genel Bilgiler

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b- Çalışma Türleri

Katalogta verilen tüm redüktörlerin motorları S1 çalışma türüne uygun verilmektedir. Diğer çalışma türleri aşağıdaki tabloda gösterilmiştir.

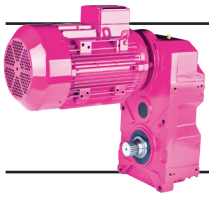
b-Modes of Operation

All motors of the catalogue have been laid out for duty S1 (continuous operation). Other duty types are given on the following table.

b-Betriebsarten

Die im Katalog angeführten Motoren sind für Betriebsart S1 (Dauerbetrieb) ausgelegt. Andere Betriebsarten sind unten angegeben.

Çalışma Türü Operation Betriebsarten	Açıklama Explanation Erläuterung	Yük Grafiği Load Graphic Lastverläufe
S1	Sabit yükte sürekli çalışma <i>Continuous operation under constant load</i> Dauerbetrieb mit konstanter Belastung	
S2	Sabit yükte kısa süreli çalışma <i>Short-time duty under constant load</i> Kurzbetrieb mit konstanter Belastung	
S3	Yolvermede sıcaklık artımı olmadan periyodik çalışma <i>Periodic duty without influence of start-up on temperature</i> Aussetzbetrieb ohne Einfluss des Anlaufes auf die Temperatur	
S4	Yolvermede sıcaklık artımı olan periyodik çalışma <i>Periodic duty with influence of start up on temperature</i> Aussetzbetrieb mit Einfluss des Anlaufes auf die Temperatur	
S5	Yolvermede ve frenlemede sıcaklık artımlı periyodik çalışma <i>Periodic duty with influence of startup and braking on temp.</i> Aussetzbetrieb mit Einfluss des Anlaufes / Bremsung auf die Temp.	
S6	Sürekli orta darbeleri çalışma <i>Continuous operation with intermittent loading</i> Durchlaufbetrieb mit Aussetzungsbelastung	
S7	Elektriksel frenlemeli sürekli orta darbeleri çalışma <i>Continuous operation with intermittent loading and braking</i> Ununterbrochener Betrieb mit Anlauf und Bremsung	
S8	Devir ve yük değişimli sürekli çalışma <i>Continuous operation duty type with related load-speed changes</i> Ununterbrochener periodischer Betrieb mit Drehzahländerung	



Genel Bilgiler

General Information

Einführung



c- Koruma Sınıfı:

Yılmaz Redüktörde standart olarak IP55 (IEC 34-5) koruma sınıfı motorlar kullanılmaktadır. Diğer koruma sınıfları istendiğinde firmamıza danışınız.

d- İzolasyon Sınıfı:

Yılmaz Redüktörde kullanılan standart izolasyon sınıfı F (IEC 317-8) dir. İstek üzerine H sınıfı yapılabilmektedir.

e- Verim Sınıfları:

Üç fazlı az gerilim asenkron motorların verim sınıfı ölçümü IEC 60034-2-1:2007 normu ile belirlenmiştir. Yeni IE verim sınıfı 0,75 kW'tan 375 kW'a kadar güç aralığında çalışan AC motorlar için geçerlidir. EFF verim sınıfından farklı olarak IE verim sınıfı 6 kutup sayılı motorlar içinde kullanılabilir. Aşağıda verim sınıfları sıralanmıştır. Bölgeler dışında verim sınıfı zorunlulukları ülkelere göre de farklılık gösterebilir. Lütfen firmamıza danışınız. Başka ürünlere entegre olmuş ve bu nedenle motorun veriminin bağımsız belirlenemediği sistemlerde (redüktör pompa gibi) verim sınıflandırması geçerli değildir.

c- Protection Class:

Yılmaz Redüktör uses IP55 (IEC 34-5) protection class electric motors for standard products. If different kind of protection class is requested please contact us.

d- Insulation Class:

Yılmaz Redüktör uses F (IEC 317-8) insulation class electric motors for standard products. H insulation class is available upon request.

e- Efficiency Classes:

The method for measuring the efficiency of low voltage three-phase asynchronous motors was revised with the new IEC 60034-2-1:2007 standard. The new IE classes is valid for AC Motors in power range from 0,75 to 375 kW. Unlike the EFF classes IE classes can be used for 6-pole AC motors. Below is the table of efficiency classes. The instructions for efficiency classes can differ from country to country. Please contact with us for more information. For the motors, which are fully integrated into a product (for example gear, pump) so their energy efficiency can not be recognized independently, the requirements of efficiency are not valid in Europe.

c- Schutzarten:

Yılmaz Redüktör Getriebemotoren werden serienmäßig mit Schutzart IP55 (IEC34-5) ausgeführt. Für andere Schutzarten bitte rückfragen.

d- Isolationsklasse:

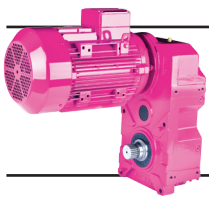
Yılmaz Redüktör Getriebemotoren werden serienmäßig in Wärmeklasse F (IEC317-8) ausgeführt. H Wärmeklasse ist möglich auf Kundenwunsch.

e- Energieeffizienzklassen:

Die Methode für Messung die Effizienz von drei phasigen gering Spannung Asynchronmotoren hat neu mit IEC 60034-2-1:2007 Norm festgelegt. Die neue IE-Klassen gelten für alle Drehstrommotoren im Leistungsbereich von 0,75 bis 375 kW. Anders als EFF-Klassen die IE-Klassen können auch für 6-polige Drehstrommotoren verwendet werden. Unten steht die Tabelle der Effizienzklassen. Die Richtlinien für Effizienzklassen können sich je nach dem Land unterscheiden. Bitte mit unserem Firma Kontakt aufnehmen. Für die Motoren, die vollständig in ein Produkt (zum Beispiel Getriebe, Pumpe) eingebaut sind und deren Energieeffizienz nicht unabhängig von diesem Produkt erfasst werden kann, gelten in Europa die Anforderungen der Effizienzklassen nicht.

Verim Sınıfları Efficiency Classes Energieeffizienzklassen			4 Kutuplu Motor Verim Değeri Hesabı Calculating Efficiency Values of Motors with 4 Poles Berechnung der Wirkungsgrade von Elektromotoren mit 4 Polen	
IE1	EFF 2	Standart Verim Standart Efficiency Standarte Energieeffizienz	A=0,5234 B=-5,0499 C=17,4180 D=74,3171	$\eta_{Mn} = A \times [\log_{10}(P_L)] + B \times [\log_{10}(P_L)]^2 + C \times \log_{10}(P_L) + D$ <p>P_L :Anma Yüğü [kW] / Nominal Load [kW] / Nennlast [kW]</p> <p>η_{Mn} :Nominal verim / Nominal Efficiency / Sollwirkungsgrad</p>
IE2	EFF 1	Yüksek Verim High Efficiency Hohe Energieeffizienz	A=0,0278 B=-1,9247 C=10,4395 D=80,9761	
IE3	-	Premium Verim Premium Efficiency Premium Energieeffizienz	A=0,0773 B=-1,8951 C=9,2984 D=83,7025	
IE4	-	Süper Premium Verim Super Premium Efficiency Super Premium Energieeffizienz	-	

4 Kutuplu Motor Verim Değeri Efficiency Values of Motor with 4 poles Sollwirkungsgrad des Motors mit 4 Polen	Anma Yüğü [kW] Nominal Load [kW] Nennlast [kW]	Verim Sınıfı / Efficiency Class / Energieeffizienzklassen		
		IE1	IE2	IE3
	0,75	72,1 %	79,6 %	82,5 %
	1,5	77,2 %	82,8 %	85,3 %
	3	81,5 %	85,5 %	87,7 %
	7,5	86 %	88,7 %	90,4 %
	15	88,7 %	90,6 %	92,1 %
	22	89,9 %	91,6 %	93 %
	37	91,2 %	92,7 %	93,9 %
	45	91,7 %	93,1 %	94,2 %
	75	92,7 %	94 %	95 %
	90	93 %	94,2 %	95,2 %
	330	94 %	95,1 %	96 %

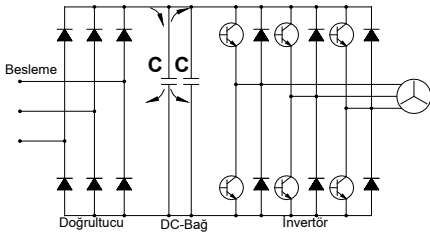


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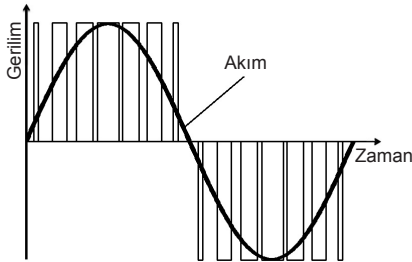


f- AC Frekans İnvörtörler

Doğru Akımı (DC), alternatif akıma (AC) çeviren elektronik çeviricilere İnvörtör denilmektedir. AC motorlar için elektronik hız kontrol cihazları genellikle AC giriş akımını doğrutucu diyotlarla DC akıma çevirir ve daha sonra çevirici diyotlar vasıtası ile bu akımı tekrar AC akıma çevirir. Doğrutucu diyotlar ile çevirici diyotlar arasındaki bağlantı DC-bağ olarak tanımlanmaktadır. DC kontrol cihazının (genellikle İnvörtör olarak isimlendirilir) elektriksel blok şeması aşağıda verilmiştir.

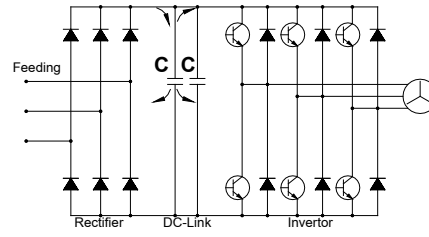


Tam dalga doğrultucuları besleyen üç faz besleme akımı DC-bağ kapasitörlerine iletilir. Kapasitörler voltajdaki dalgalanmaları azaltır ve kısa süreli ağıdaki akım kesintilerinde enerji sağlar. Kapasitörlerdeki voltaj kontrolsüzdür ve gelen AC akımın pik akım değerlerine bağlıdır. DC akım tekrar AC akıma, Puls genişliği modülasyonu (PWM) kullanılarak çevrilir. İstenen dalga formu, sabit bir frekansta (Puls frekansında), çıkış transistörlerinin (İzole edilmiş geçit Bipolar transistörleri; IGBT 'ler) açılıp kapatılması ile oluşturulur. IGBT'lerin açma kapama zamanlarının değişimi ile istenen akım oluşturulabilir. Çıkış voltajı bir seri kare dalga pulslardır ve motor sargılarının İndüktansı ile sinusoidal bir motor akımı oluşur. Puls genişliği modülasyonu aşağıda gösterilmiştir.

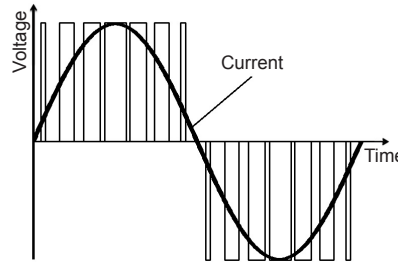


f- AC Frequency Inverters

An electronic converter is a device which converts Direct Current (DC) to Alternating Current (AC) is known as an inverter. Electronic speed controllers for AC motors usually convert the AC supply to DC using a rectifier, and then convert it back to a variable frequency, variable voltage AC supply using an inverter bridge. The connection between the rectifier and inverter is called the DC link. The block diagram of a speed controller (often called an inverter) is shown below.

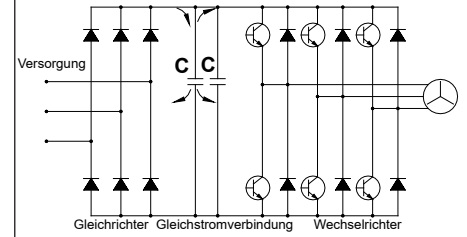


The three phase supply is fed into a full wave rectifier which supplies the DC link capacitors. The capacitors reduce the voltage ripple (especially on single supplies) and supply energy for short mains breaks. The voltage on the capacitors is uncontrolled and depends on the peak AC supply voltage. The DC voltage is converted back to AC using Pulse Width Modulation (PWM). The desired waveform is built up by switching the output transistors (Insulated Gate Bipolar Transistors; IGBTs) on and off at a fixed frequency (the switching frequency). By varying the on and off time of the IGBTs the desired current can be generated. The output voltage is still a series of square wave pulses and the inductance of the motor windings results in a sinusoidal motor current. Pulse Width Modulation is shown in the figure below.

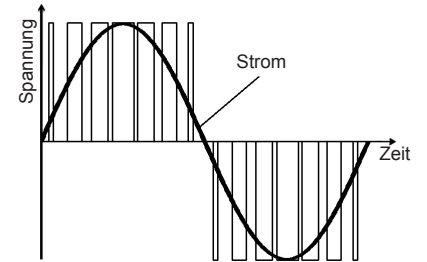


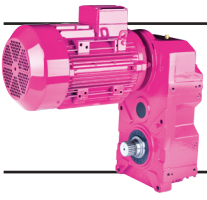
f- AC Frequenz Umrichter

Ein elektronischer Wandler, der den Gleichstrom (DC) in Wechselstrom (AC) umwandelt, wird als Umrichter bezeichnet. Ein Frequenzumrichter benutzt einen ungesteuerten Eingangsgleichrichter, um die Netzspannung in Gleichspannung umzuwandeln. Diese wird dann in den Zwischenkreiskondensatoren gespeichert. An diesem Gleichspannungszwischenkreis ist ein Wechselrichter angeschlossen. Dieser Wechselrichter erzeugt am Ausgang eine variable Frequenz und eine variable Spannung. Der Anschluss zwischen dem Gleichrichter und dem Wechselrichter nennt man Gleichstromverbindung. Das Blockschaltbild von diesem System wurde unten dargestellt:



Auch bei dreiphasiger Versorgung wird die gleichrichtete Netzspannung den Zwischenkreiskondensatoren zugeführt. Die Kondensatoren reduzieren die Oberwelligkeit der Spannung (was besonders bei einphasiger Versorgung entscheidend ist) und liefern Energie, die kurze Unterbrechungen der Netzstromversorgung ermöglicht. Die Spannung der Kondensatoren ist vom Spitzenwert der Wechselspannung abhängig. Die Gleichspannung wird im Wechselrichter durch Pulsweitenmodulation (PWM) in Wechselspannung umgewandelt. Die gewünschte Wellenform wird durch Ein- und Ausschalten der Ausgangstransistoren (IGBT's Isolierte Gate Bipolar Transistoren) mit einer festen Frequenz (der Pulsfrequenz) erzeugt. Der gewünschte Strom kann durch die Variation der Ein- und Ausschaltzeit der Ausgangstransistoren generiert werden. Die Ausgangsspannung ist dadurch eine Reihe von Spannungsimpulsen, die in Verbindung mit der Induktivität der Motorspulen zu einem sinusförmigen Motorstrom führt. Die Pulsweitenmodulation wird wie folgt dargestellt





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DC MOTORLAR

a- Genel Özellikler

DC motorlar, elektronik parçalardaki gelişmeler nedeni ile yeni uygulama alanları bulmuştur. Daha önce çok pahalı olan ve ekonomik olmayan kontrol sistemlerinin yerini ucuz ve kompakt güç kontrol üniteleri almıştır. Yol vermenin kontrol altına alınabildiği, tork ve akım izlenebilirliği, aşırı yüklenmeye karşı elektronik koruma sağlanabilmesi ve daha birçok pahalı olmayan uygulamalar DC motorlarını cazip kılmaya başlamıştır.

b- DC Motorların Çalışma İlkeleri

DC motorlar için DC çıkış veren bir doğrultucuya ihtiyaç vardır. Motor armatür sargıları, alan sargıları, komutasyon sargıları ve kompanse sargılar olmak üzere rotorda ve statorda bulunan sargılardan oluşur. Rotora voltaj ve akım karbon fırçalar ve komutator sargılarla ulaştırılır. Bu karbon fırçalar aşındığından DC motorlar belirli periyotlarla bakıma alınmalıdır. İyi kontrol edilebilir özelliklerinden dolayı DC motorlar otomasyon teknolojisinde sıkça kullanılmaktadır.

c- DC Motor Çeşitleri

Temel olarak Şönt (Shunt) ve seri sargılı DC motorlar bulunmaktadır. Bu sargıların çeşidine göre moment eğrisi değişmektedir.

d- DC Motorlarda Hız Kontrolü

Bu motorlarda devir değişimi DC voltajın değiştirilmesi ile yapılır. Şönt sarımlı DC motorların sıfır yük ile maximum yük arasındaki davranışı AC motorlara benzer. Devir artan yükte beraber düşer. Bu devir farkı ufak güçlü motorlarda büyük, büyük güçlü motorlarda ise ufaktır. Fakat bu hız farkı DC doğrultucu cihazda armatür voltajı ($I \times R$) ile oynanarak kompanse edilebilir. Hassas hız kontrol gereksinimi olduğunda, tako jeneratörler kullanılabilir. DC motorların gücü aşağıdaki formülden hesaplanır;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Giriş gücü W
 P_c : Çıkış gücü W
U : Armatür gerilimi V
I : Armatür akımı A
 η : Motor verimi

DC MOTORS

a- General Specifications of DC Motors

DC drive systems have found new possible applications with the development of the electronic components sector. What was previously extremely expensive and in some cases not economically feasible is nowadays realized by miniaturized power converter technology. Additional functions such as guided startup after a predetermined time, torque and current monitoring with electronic protection against overloading, and many inexpensive special applications have made DC drive systems more attractive.

b- Operating principles of the DC Motors

The DC motor requires, a converter with DC output. The motor includes windings, such as armature, field, commutation and compensation windings, which are arranged in the stator as well as on rotor. Voltage and current are supplied to the rotor via the carbon brushes and the commutator. The carbon brushes are wearing parts therefore a DC motor requires maintenance at service intervals. While its good control properties, the DC motor is an essential item in automation technology.

c- Types of DC Motors

Depending on the wiring of the exciting winding or field winding, two basically different variants are regards torque speed characteristics may be distinguished.

d- Speed Control of DC motors

In DC motors the speed is adjusted by altering the DC voltage. DC shunt wounded motors behave similar to three phase induction motors between no load operation and maximum load. The speed drops with increasing loading of the motor. This difference is greater in small motors and smaller in larger motors. The speed difference can be compensated in the DC converter device by adjusting ($I \times R$). If great control accuracy is required, a speed control with measurement of the actual values by a tachogenerator can be used. The power of DC motor;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Input Power W
 P_c : Output Power W
U : Armature Voltage V
I : Armature Current A
 η : Motor efficiency

DC MOTOREN

a- Eigenschaften von DC Motoren

Mit den Entwicklungen bei elektronischen Komponenten haben DC Motoren neue Anwendungsbereiche gefunden. Regelungssysteme, die früher sehr teuer und im manchen Anwendungsfällen ungünstig waren, sind jetzt kompakt und günstig. Bei den DC Motoren ist kontrolliertes Anlauf, Moment- und Stromüberwachung mit Überlastschutz möglich. Es gibt viele günstige Sonderanwendungen für diese Motoren. Wegen oben genannten Eigenschaften werden die DC Motoren immer mehr bei unterschiedlichen Anwendungen benutzt.

b- Funktionsprinzip der DC Motoren

Bei DC Motoren ist eine Kommutatorwicklung im Rotor angeordnet, während der magnetische Fluss vom Stator erzeugt wird. Dies kann wiederum mittels einer Erregerwicklung oder durch Permanentmagnete geschehen. Wie bei der Synchronmaschine wird durch das Erregerfeld in der Ankerwicklung eine Wechsellspannung, die bei der Gleichstrommaschine jedoch durch den mechanischen Kommutator und die darauf schleifenden Bürsten in eine Gleichspannung umgeformt wird, induziert.

c- Arten von DC Motoren

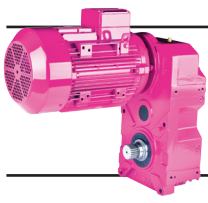
Es gibt zwei verschiedene Wicklungen, nämlich Shunt- und Serial-Wicklung. Das Drehmoment-Drehzahl-Verhältnis ist für beide Wicklungen unterschiedlich.

d- Drehzahl Kontrolle für DC Motoren

Drehzahl von DC Motoren kann man mit Steuerung der DC Spannung ändern. DC Motoren mit Shunt Wicklungen ist ähnlich zu drei phasen AC Motoren zwischen maximalen Last und ohne Last. Drehzahl wird mit der Last reduziert. Mit kleineren Motoren wird dieser Differenz höher mit größeren Motoren kleiner. Der Drehzahlunterschied kann geregelt werden mit ($I \times R$) Veränderung. Wenn eine genaue Kontrolle gebraucht, soll ein Tachogenerator benutzt werden. Leistung des DC Motors;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Eingangsleistung W
 P_c : Ausgangsleistung W
U : Ankerspannung V
I : Ankerstrom A
 η : Wirkungsgrad des Motors



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Elektromanyetik Frenler

Bu tip frenlerin iki sürtünme yüzeyi vardır. Fren torku, voltaj uygulanmadığı zaman yayların kuvveti ile oluşturulur. Fren elektromanyetik alanın oluşumu ile serbest kalır. Bobinin beslenmesi ile miktatsızlanan balata baskı pulu, elektromıknatısa doğru çekilir. Bu hareket yayları baskı altına alır ve rotor mili üzerine takılan çoklu kama üzerinde aksiyal yönde serbest hareket edebilen balata serbest kalır. Akım kesildiğinde yayların baskısıyla, balata baskı pulu fren balatasına doğru itilir ve bu hareket rotoru frenler.

Fren Çeşitleri

a) Soğutmasız tip frenler

Motor fanı çıkarılıp motor kapağı arkasına akup- le edilerek kullanılan frenler; genellikle sıkça açılıp kapanmayan ve kısa zaman aralıklarında çalışın sistemlerde tercih edilir.

b) Soğutmalı tip frenler

Motor fanı çıkarılıp motor kapağı arkasına akup- le edilen ve motorun mili uzatılarak fren ve motorun arkasına bağlanarak fan sayesinde da- imi bir hava sirkülasyonu sağlanarak kullanılan frenlerdir. Genellikle uzun süreli çalışın ve kapalı mekanlarda kullanılan sistemlerde tercih edilirler.

c) Manuel kol sistemli frenler

Çalışma sistemi olarak her iki fren tipinde de kullanılabilir (soğutmalı veya soğutmasız). Özel durumlarda (elektrik kesilmesi; mekanik problemler) üzerinde bulunan bir kol vasıtası ile sistemi yay baskısından kurtararak serbest kalmasını sağlayan frenlerdir. Genellikle ma- nuel olarak sistemin açılması gereken yerlerde (otomatik giriş kapıları, dış cepe boyama asan- sörleri v.b.) tercih edilir.

Fren çalışma voltajları

Elektromanyetik frenler 230V AC veya 400V AC beslemeli olarak sipariş edilebilir. Frenler DC fren olmaları nedeni ile besleme ile fren bobini arasında fren tipine bağlı olarak yarım dalga veya tam dalga doğrultucular veya trafolar kullanılır. Özel olarak belirtilmedikçe 230V beslemeli ve yarım dalga doğrultuculu frenler kullanılmak- tadır. Özel durumlar için YILMAZ Redüktöre danışınız.

a) 230V AC ile beslenen frenler

Motor klemens kutusundan alınan 230V'luk AC besleme fren tipine bağlı olarak yarım dalga veya tam dalga doğrultucu ile fren bobininin voltajına düşürülür. Fren bobin DC voltajı etiketi üzerinde belirtilmiştir.

b) 400V AC ile beslenen DC frenler

Motor klemens kutusundan alınan 400V'luk AC besleme, yarım dalga doğrultucu ile fren bobini- nin voltajına düşürülür. Fren bobininin DC voltajı etiket üzerinde belirtilmiştir.

c) 24V DC Frenler

Kullanılan fren momentinin büyüklüğüne göre besleme transformatörü seçilir. Şebekeden veya motorun klemens kutusundan alınan bes- leme voltajı transformatörde 29 V'a çevrilen ge- rilim tam dalga doğrultuculardan geçerek 24V DC'ye çevrilir ve fren bobini beslenir.

Electromagnetic Brakes

This type of brakes has two friction surfaces. Brake torque is generated by springs when no voltage is applied. The brake is electromagnetically released. On exciting the electromagnet means of the current, the armature plate is pulled towards the electromagnet itself, thrust loading the pressure spring and enabling the friction disc which is axially movable on the key, to turn freely. When current fails, the pressured springs drive the armature plate towards the disc, thus braking the motor shaft.

Brake Types

a) Brakes without cooling

This type of brakes are assembled on the back cover of the electric motor. There is no fan on the backside. This brake type is mostly preferred in short working times and short working cycles.

b) Fan cooled brakes

This type of brakes are assembled on the back cover of electric motor by removing the electric motor fan. A fan is coupled to the backside of the brake by extending the rotor shaft of the electric motor. Fan cooled brakes are preferred in long working times and closed places without airflow.

c) Brakes with hand release

This brakes can be released by help of an arm. It can be applied to both of the above mentioned brakes and used in special cases (fail of elec- tric current, mechanical problems etc.) These brakes are mostly preferred if operation (re- leasing) without a current is needed (automatic controlled doors, gates, building wall painting elevators etc.).

Working Voltages

Electromagnetic brakes can be ordered with 230V AC or 400V AC supply voltage. The coil of brakes needs DC voltage and therefore depending on brake type a half wave, a full wave rectifier or transformer should be used between supply and coil voltage. As standard the brakes will be delivered with 230V supply voltage and half wave rectifier, if there is no special request. For special cases please contact YILMAZ Redüktor.

a) Brakes with 230V supply voltage

230V AC supply voltage from the motor terminal box will be reduced to the coil voltage depend- ing on the brake type with half-wave or full-wave rectifier. DC brake coil voltage is indicated on the label.

b) Brakes with 400V supply voltage

400V AC supply voltage from the motor terminal box will be reduced to the coil voltage with half- wave rectifier. DC brake coil voltage indicated on the label.

c) 24V DC Brakes

The transformer's size is selected according to value of brake torque. The current is taken from the electric motor terminal box or from the electric panel and is transformed to 29V DC cur- rent. This current is transferred to 24V DC cur- rent with full-wave rectifier and supplies brake coil.

Elektromagnetische Bremsen

Die Bremse hat zwei Reibflächen und arbeitet nach dem Ruhestromprinzip. Im stromlosen Zu- stand wird das Bremsmoment durch den Druck der Feder erzeugt, während die Bremse beim Betrieb elektromagnetisch losgelassen wird. Durch die Erregung der Elektromagneten wird die Ankerscheibe zu den Elektromagneten ge- zogen und die Feder zusammengedrückt. Da- durch kann sich die Bremscheibe, die axial be- weglich auf dem Mitnehmer angeordnet ist, frei drehen. Wird der Strom unterbrochen, drücken die Feder die Ankerscheibe gegen die Brems- scheibe und halten die Motorwelle an.

Bremsearten:

a) Bremsen ohne Kühlung

Diese Bremsen sind für Kurzlaufzeiten geeig- net. Die Lüfterhaube und Lüfter des Motors ist ausgebaut und die Bremse ist an dem Ende der Motorwelle befestigt.

b) Bremsen mit Kühlung

Diese Bremsen sind für lange Laufzeiten und kleine, abgedeckte Räume geeignet. Durch die Verlängerung der Motorwelle wurde Lüfter hinter dem Bremse und dem Motor verbunden. Somit wurde eine konstante Lüftung ermöglicht.

c) Bremsen mit Hebelarm

Diese Bremsenart kann mit oder ohne Kühlung verwendet werden. Diese Bremsen sind bei der speziellen Fälle, wie keine Spannung an der Leitung, mechanische Probleme usw. , an- wendbar. Die Bremse wird mit einem Hebelarm manuell betätigt. Diese Bremsen werden am meisten an den Stellen, wo die Lüftung ohne Spannung erfolgen soll, benutzt (automatische Türe, Wandaufzüge).

Betriebsspannungen

Elektromagnetische Bremsen können mit 230V AC oder 400V AC Versorgungsspannung be- stellt werden. Die Wicklungen der Bremsen brauchen Gleichspannung und deswegen abhängig von Bremsenart zwischen Versor- gungsspannung und Wicklungsspannung soll Halbwellen-, Vollweggleichrichter oder Trans- formator verwendet werden. Als Standard die Bremsen werden mit 230V Versorgungsspan- nung und Halbwellengleichrichter geliefert.

a) Bremsen mit 230V Versorgungsspannung

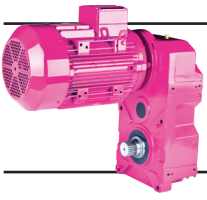
230V AC Versorgungsspannung von Klemmen- kasten wird auf die Wicklungsspannung abhän- gig von der Bremsentyp mit Halbwellen-oder Vollweggleichrichter reduziert. Wicklungsspan- nung ist auf dem Etikett angegeben.

b) Bremsen mit 400V Versorgungsspannung

400V AC Versorgungsspannung von Klemmen- kasten wird auf die Wicklungsspannung mit Halbwellengleichrichter reduziert. Wicklungs- spannung ist auf dem Etikett angegeben.

c) 24 V DC Bremsen

Die Spannung wird von den Klemmkasten des Motors oder Elektrischschrank entnommen. Diese Spannung wird zuerst mittels Transformator zu 24 V reduziert. Danach wird diese Spannung mit Hilfe von Gleichrichter zu Gleichstromspan- nung umgewandelt. Die Größe des Transfor- mators ist abhängig von der Größe des Brems- moments.



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d) Şok ikazlı trafolar

Büyük güçteki ve momentteki frenlerin manyetik doyuma ulaşmaları uzun zaman alır. Şok ikazlı trafolar frenin yay baskısını yenmede gecikmesini engellemek için kullanılır ve zaman rölesi yardımı ile çok kısa bir süre normal besleme voltajının iki katı ile (48V DC) beslenip sistemin ani açılmasını sağlar. Bu sayede gecikmeli açılmada ortaya çıkacak sürtünmeyi engellemeye yarayan bir trafo şeklidir.

Fren bağlantı şekli

a) Gecikmeli frenleme

Genellikle sistemin yavaş ve kaydırılarak durması gereken yerlerde tercih edilen bağlantı şeklidir. Vinç yürütme motorlarındaki sarsıntıyı önlemek için gecikmeli bağlantı şekli kullanılır. Frenler fabrika çıkışında gecikmeli bağlantıya uygun ayarlanır.

b) Ani frenleme

Genellikle sistemin enerjisi kesildiği anda ani olarak durdurulması gereken sistemlerde kullanılan bağlantı şeklidir. Vinç kaldırma sistemleri, asansör motorlarında kullanılan bağlantı şeklidir.

d) Shock voltage supply transformer

Brakes which consist of high power and torques take long time to get in electromagnetic field. Shock voltage supply transformers with time relay are aiming to overcome spring pressure delaying for brakes. Also this transformers provide to open system suddenly by feeding double(48V DC) voltage in a short time and preventing to frictional loses occurring in delayed opening.

Connection Types

a) Delayed Braking

Generally this type of connection uses in slow and sliding brake intended systems. Delayed connection type using to prevent shock loadings in crane driving systems. Brakes are setting up to delayed connection if any other types are not specified by customer

b) Sudden Braking

This type of connections are mostly used in systems when short braking times are needed. The braking torque will be produced as soon as the current fails. These brakes are mostly used in hoisting of lifting units and elevators.

d) Trafos mit Schock-Spannung

Diese Transformatoren werden bei großen Bremsen mit hohen Momenten verwendet. Da die große Bremsen eine lange Zeit braucht, um die erforderliche magnetische Feld zu erzeugen, wird an der Bremse kurz 48V Gleichstromspannung angelegt, um die Zeit zur Bildung von magnetischem Feld zu kürzen. Dies ermöglicht kürzere Reibungszeiten beim Start.

Schaltungsarten:

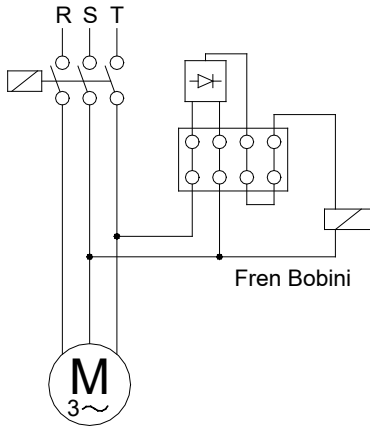
a) Verspätetes Bremsen

Diese Schaltung wird benutzt, wenn ein langsames und gleitendes Bremsen erforderlich ist. Am meisten wird es bei Fahrtriebemotoren von Aufzügen verwendet. Wenn keine Angabe bei der Bestellung gegeben wird, werden die Bremsen mit verspäteter Schaltung geliefert.

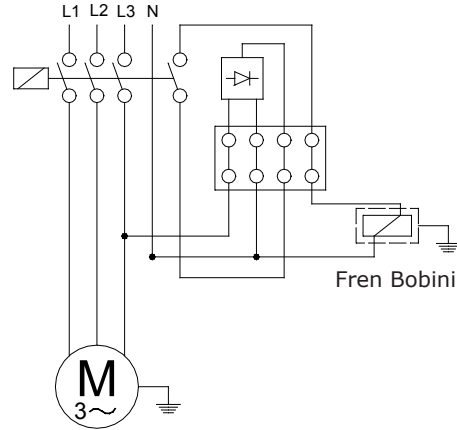
b) Schnelles Bremsen:

Allgemein verwendet man diese Schaltung bei Bedarf an plötzlichen Bremsen in dem Augenblick, in dem das System keine Energie mehr erhält. Diese Schaltungsart wird meist bei Kräne und Motoren von Aufzüge verwendet.

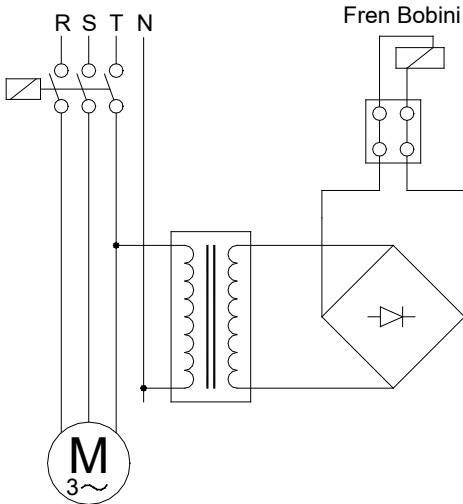
Gecikmeli Frenleme / Delayed Running Brake / Verspätete Bremsung
(230 V)



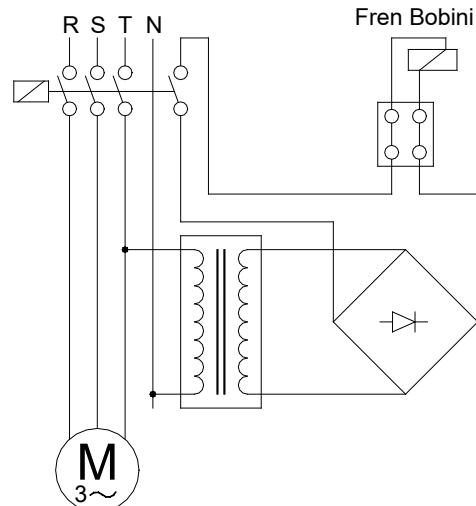
Ani Frenleme / Sudden Brake / Plötzliche Bremsung
(230 V)

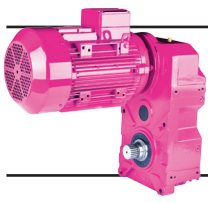


Gecikmeli Frenleme / Delayed Running Brake / Verspätete Bremsung
(24 V)



Ani Frenleme / Sudden Brake / Plötzliche Bremsung
(24 V)





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Fren Seçimi:

Doğru bir fren seçimi için aşağıdaki parametreler bilinmelidir.

- I_{tot} [kg.m] : Motor miline indirgenmiş toplam atalet momenti
- n_0 [d/dak] : Maksimum motor devir sayısı
- t_f [s] : İstenilen en uzun frenleme zamanı
- c_t : Anahtarın devreye girme zamanı katsayısı (ortalama 0,995).
- M_L [Nm] : Sistemin statik tork ihtiyacı.
- C_s : Emniyet katsayısı ($C_s \geq 2$ olmalı)

Gerekli fren momenti aşağıdaki şekilde hesaplanır:

a) M_L Statik yük torku, motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi veya hızlandırıcı sabit yük momenti hali):

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) M_L Statik yük torku, motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün yukarı kaldırılması veya frenleyici sabit yük/direnç momenti hali):

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Yukarıda bulunan sonuç C_s katsayısı ile çarpılarak ($C_s \geq 2$), fren momenti seçilir;

$$M_f = M_{fc} \times C_s$$

Yaklaşım Yolu ile Fren Seçimi:

Eğer yalnızca motorun gücü ve en yüksek devri biliniyor ise :

W [Watt]: Motorun nominal gücü

$$M_f = \frac{W}{\frac{2 \pi \times n_0}{60}} \times C_s \quad (C_s \geq 2)$$

Brake Selection:

To select a brake correctly the following data are necessary;

- I_{tot} [kg . m] : The total inertia of rotating parts reduced at the motor shaft
- n_0 [rpm] : Maximum motor speed.
- t_f [s] : The maximum admitted time of the braking.
- c_t : Coefficient of switch on time (average 0,995).
- M_L [Nm] : Required static torque of system.
- C_s : Safety coefficient ($C_s \geq 2$)

The necessary braking torque calculates below;

a) The static load torque M_L , same direction of motor rotation (Descent of a load or steady resisting torque which favours the rotation of the motor)

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) The static load torque M_L , opposes the rotation of the motor (Lifting of a load or steady resisting torque which opposes the rotation of the motor)

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

The necessary braking torque will result from the following equation using C_s ($C_s \geq 2$);

$$M_f = M_{fc} \times C_s$$

Approximated Brake Selection

Its only the motor power and its maximum speed are known:

W [Watt]: Motor Nominal Power

$$M_f = \frac{W}{\frac{2 \pi \times n_0}{60}} \times C_s \quad (C_s \geq 2)$$

Bremswahl:

Um die richtige Bremse auszuwählen, braucht man unten aufgelistete Variablen;

- I_{tot} [kg . m] : Die Gesamtträgheit der rotierenden Teile (siehe Anwendungsbeispiele)
- n_0 [U/min] : Die höchste Drehzahl des Motors
- t_f [s] : Die längste zulässige Bremszeit
- c_t : Reduktionskoeffizient der Tätigkeitszeit (gemittelt 0,995).
- M_L [Nm] : Vom system benötigtes, statisches Drehmoment.
- C_s : Sicherheitskoeffizient ($C_s \geq 2$)

Die benötigte Bremskraft wird wie folgt berechnet:

a) konstantes Belastungsmoment M_L , das die Motordrehung fördert (konstante Erhöhung der Motorgeschwindigkeit oder Herunterlassen der Last)

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) konstantes Belastungsmoment M_L , das sich entgegen der Motordrehung widersetzt (konstante Verminderung der Motorgeschwindigkeit oder Aufheben der Last)

$$M_{fc} = \frac{(2 \pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Wenn die Bremskraft mit dem Sicherheitskoeffizient C_s ($C_s \geq 2$) multipliziert wird, erhält man die erforderliche Bremskraft;

$$M_f = M_{fc} \times C_s$$

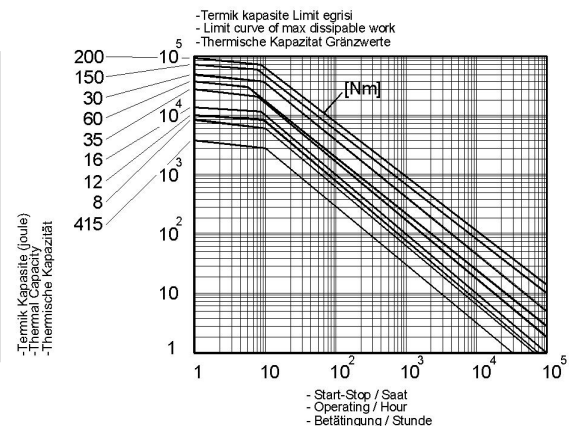
Abschätzung zur Bremswahl

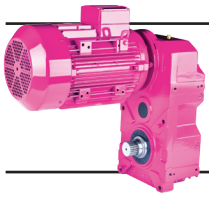
Wenn man nur die Motorleistung und die höchste Drehzahl kennt, kann die Bremskraft mit der folgenden Formel annähernd berechnet werden:
W [Watt] : Nennleistung des Motors

$$M_f = \frac{W}{\frac{2 \pi \times n_0}{60}} \times C_s \quad (C_s \geq 2)$$

Standart Frenler / Standard Brakes / Standart Bremsen

Fren statik momenti [Nm] Brake Static Torque [Nm] Statische Bremskraft [Nm]	4,5	8	12	16	35	60	80	150	200
Fren Dinamik Momenti [Nm] Brake Dynamic Torque [Nm] Dynamische Bremskraft [Nm]	3,6	6,4	9,6	12,8	28	48	64	120	160
Maksimum Motor Hızı [d/dak] Maximum Motor Speed [rpm] Maximale Motordrehzahl [U/min]	3000	3000	3000	3000	3000	3000	3000	1500	1500
Giriş Gücü [W] Input Power [W] Antriebsleistung [W]	15	20	25	30	45	50	55	60	65





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Frenin Termik Kapasitesi

Yukarıdaki seçime ek olarak frenin termik kapasitesinin kontrol edilmesi gerekir. L (joule) olarak gerekli soğutma işi aşağıdaki formüller ile hesaplanır ve "Termik kapasite limit eğrisi" kullanılarak eğrinin altında kalıp kalmadığı kontrol edilir.

a) M Statik yük torku motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi hali)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L} \right)$$

b) M Statik yük torku motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün kaldırılması hali):

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) M Statik yük torku sabit, motor yönünde veya aksi yönde (kaldırma ve indirme harici hızlandırıcı veya frenleyici sabit bir yük momenti hali).

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2}$$

Fren Hava Boşluğunun Ayarı:

Frenin sürekli aynı performansın alınabilmesi için, fren balatasının aşınmasına bağlı olarak, fren hava boşluğu belirli zaman aralıklarında yeniden ayarlanmalıdır. Fren hava boşluğu ayar zaman aralığı ve ayarın yapılması için firmamıza danışınız.

Fren Seçim Örneği:

İstenilen en uzun frenleme zamanı: 0,5 sn.

Motor devri: 1400 d/dak

Motoru indirgenmiş toplam atalet momenti:

0,08 kgm

Gerekli çalışma momenti: 50 Nm

Yük Durumu: Yük motor dönüş yönü ile aynı (Vinçten yük indirilmesi: Saatte dur-kalk sayısı:30)

$$M_{fc} = \frac{(2 \pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6 \text{ Nm}$$

$$M_f = 73,6 \times 2 = 147,2 \text{ Nm}$$

Standart frenler tablosundan 150 Nm lik fren seçilebilir.

Gerekli termik kapasite:

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50} \right)$$

=1302,0 < 18000 Joule (150 Nm eğrisinden)
150 Nm lik fren uygun görülüyor.

The Thermal Capacity of Brake

The thermal capacity of the brake must also be checked after the above mentioned calculations heat dissipation energy L (joule) can be calculated from the following equation and must be checked if the result is under the limit curve shown on "Limit curve of may dissipated work".

a) The static load torque M ,favours the rotation of the motor (Descent of a load which favours the rotation of the motor)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L} \right)$$

b) The static load torque M ,opposes the rotation of the motor (Lifting of a load which opposes the rotation of the motor)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) The static load torque M ,is constant and opposes or favours the rotation of the motor (except lifting of a load)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2}$$

Adjustment of the air-gap:

In order to obtain the same performance from the brake during its lifetime, the air-gap of the brake must be re-adjusted after a limited time of operation For the air-gap and the time interval of the adjustment please contact us.

Selection Example:

The maximum admitted time for braking 0,5 s

Motor speed: 1400 rpm

Total inertia reduced at motor shaft: 0,08 kgm²

Required operating torque:50 Nm

Nature of load: Load direction is same as motor direction(Unloading process: Start-stop time per hour :30)

$$M_{fc} = \frac{(2 \pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6 \text{ Nm}$$

$$M_f = 73,6 \times 2 = 147,2 \text{ Nm}$$

From the brake selection table a standard brake of 150 Nm is selected.

Necessary thermal capacity

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50} \right)$$

=1302,0 < 18000 Joule (from 150 Nm curve)
The selected brake with 150 Nm is suitable.

Thermische Kapazität der Bremsen

Nach den oben genannten Berechnungen muss die thermische Kapazität überprüft werden. Die Wärme, d.h. die gebrauchte Energie L, werden mit den folgenden Formeln berechnet. Die gerechnete Werte von Kapazitäten sollen unter dem Grenzkurve "Thermische Kapazität Grenzwerte" der gewählten Bremse liegen.

a) Konstantes Belastungsmoment M , das die Motordrehung fördert (Herunterlassen der Last)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L} \right)$$

b) Konstantes Belastungsmoment M , das sich entgegen der Motordrehung widersetzt (Aufheben der Last)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) Konstantes Belastungsmoment M , das sich gegen der Motorbewegung widersetzt oder die Motorrotation fördert (Konstante Verminderung oder Erhöhung der Motorgeschwindigkeit, kein Herunterlassen oder Aufheben der Last)

$$L = \frac{I_{tot} \times (2 \pi \times n_0 \div 60)^2}{2}$$

Einstellung des Luftspaltes:

Um eine immer konstant bleibende Bremsfähigkeit zu erhalten, muss das Luftspalt nach einer bestimmten Arbeitszeit neu eingestellt werden. Für die Bestimmung des Luftspaltes und die Einstellzeiten bitten wir Sie um Rückfrage.

Beispiel für eine Auswahl:

Die höchste zulässige Bremszeit: 0,5 s

Motordrehzahl: 1400 U/min

Gesamtträgheit der rotierenden Teile: 0,08 kgm²

Das auf das System wirkende Drehmoment: 50 Nm

Belastungsart: Drehmoment, das die Motorrotation fördert (Herunterlassen der Last)
Betätigungen pro Stunde:30

$$M_{fc} = \frac{(2 \pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6 \text{ Nm}$$

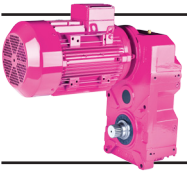
$$M_f = 73,6 \times 2 = 147,2 \text{ Nm}$$

Eine Bremse von 150 Nm kann man auswählen.

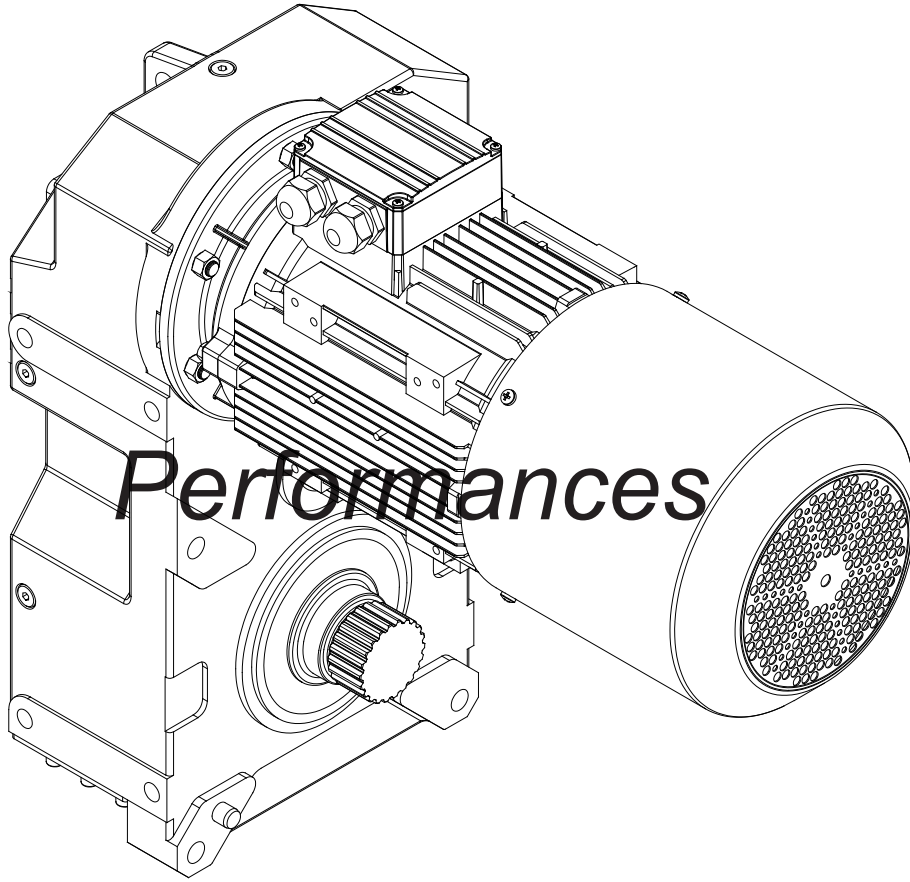
Die thermische Kapazität:

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50} \right)$$

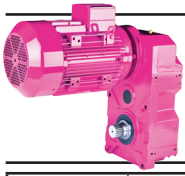
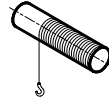
=1302,0 < 18000 Joule (von 150 Nm Kurve) Die ausgewählte 150 Nm Bremse ist ausreichend.



Güç ve Devir Tabloları



Leistungs- und Drehzahlübersicht

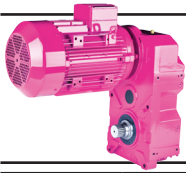
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	3,3	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	3,7	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	4,0	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	4,7	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	5,5	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	6,2	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	7,5	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	9,0	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	10,8	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	12,5	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	15,0	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
	17,9	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55	
Ø110	3,6	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	4,1	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	4,4	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	5,2	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	6,0	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	6,9	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	8,3	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	9,9	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	11,9	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	13,8	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	16,5	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
	19,7	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55	
Ø120	3,9	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	4,5	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	4,8	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	5,7	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	6,5	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40	
	7,5	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	9,0	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45	
	10,8	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	12,9	M8 (5m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	16828	49	
	15,0	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	18,0	M8 (5m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	14986	55	
	21,5	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55	
Ø130	4,2	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368
	4,9	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	5,2	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	6,2	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	7,1	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40	
	8,1	M7 (4m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	25324	40	
	9,8	M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45	
	11,8	M7 (4m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	22478	45	
	14,0	M7 (4m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	21040	49	
	16,3	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	19,5	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55	
	23,3	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55	
Ø140	4,6	M7 (4m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	30525	38	368
	5,2	M7 (4m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	29467	38	
	5,6	M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	28975	38	
	6,6	M7 (4m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	27195	40	
	7,6	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40	
	8,7	M6 (3m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	30705	45	
	10,6	M6 (3m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	29232	45	
	12,7	M6 (3m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	27865	45	
	15,1	M6 (3m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	26150	49	
	17,5	M7 (4m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	20266	49	
	21,0	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

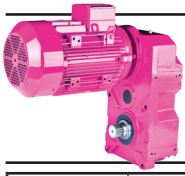
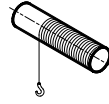
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø140	25,1	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55	368
	5,2	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	6,0	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
	6,8	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	8,0	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
	9,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	11,0	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	66	
	12,2	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	66	
	15,4	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	68	
	18,0	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	68	
	19,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
	23,1	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	73	
	27,0	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76	
	Ø150	4,9	M6 (3m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	37839	38
5,6		M6 (3m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	36490	38	
6,0		M6 (3m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	35864	38	
7,1		M5 (2m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	41959	40	
8,2		M5 (2m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	40377	40	
9,4		M5 (2m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	38277	45	
11,3		M5 (2m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	36385	45	
13,6		M5 (2m)	1,5	29	464	50,36	VR273.1K-3E90L/4D	34127	49	
16,2		M5 (2m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	32573	49	
5,6		M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
6,4		M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
7,2		M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
8,6		M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
10,1		M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
11,8		M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	66	
13,1		M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	66	
16,5		M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	68	
19,2		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
21,3	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73		
24,8	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	73		
29,0	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76		
Ø160	5,2	M5 (2m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	47034	38	368
	6,0	M5 (2m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	45319	38	
	6,4	M5 (2m)	0,75	13	517	113,02	VR273.1K-3E80M/4D	43956	40	
	7,6	M4 (1Am)	0,75	15	436	96,09	VR273.1K-3E80M/4D	52085	40	
	8,7	M4 (1Am)	1,1	17	558	83,46	VR273.1K-3E90S/4C	49351	45	
	10,0	M4 (1Am)	1,1	20	489	73,03	VR273.1K-3E90S/4C	47602	45	
	12,1	M4 (1Am)	1,1	24	406	60,39	VR273.1K-3E90S/4C	45192	45	
	14,5	M4 (1Am)	1,5	29	464	50,36	VR273.1K-3E90L/4D	42467	49	
	5,9	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	6,8	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	7,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	9,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	10,8	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	12,6	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	66	
13,9	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68		
17,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	68		
20,5	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73		
22,7	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73		
26,5	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	73		
30,9	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

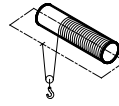
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	6,3	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	7,3	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	8,2	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	9,8	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	11,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	13,4	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
	14,8	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68	
	18,7	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	21,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	24,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
	28,1	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	76	
	32,8	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76	
	Ø180	6,7	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	
7,7		M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
8,7		M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
10,3		M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
12,2		M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
14,2		M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
15,7		M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68	
19,8		M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
23,1		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
25,5		M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
29,8		M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	76	
34,7		M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	76	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

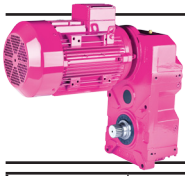
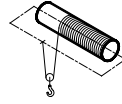
**0,5 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø100	1,5	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	1,7	M8 (5m)	0,18	12	141	120,49	VR273.1K-G63/4b	25285	29	
	1,9	M8 (5m)	0,18	13	133	113,02	VR273.1K-G63/4b	24828	29	
	2,3	M8 (5m)	0,25	15	147	96,09	VR273.1K-3E71M/4C	23070	33	
	2,7	M8 (5m)	0,25	17	128	83,46	VR273.1K-3E71M/4C	22167	33	
	3,1	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	3,7	M8 (5m)	0,37	24	138	60,39	VR273.1K-3E71M/4D	20024	35	
	4,5	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	5,4	M8 (5m)	0,55	34	143	42,22	VR273.1K-3E80M/4C	17847	38	
	6,3	M8 (5m)	0,55	40	124	36,38	VR273.1K-3E80M/4C	17120	38	
7,5	M8 (5m)	0,75	48	141	30,34	VR273.1K-3E80M/4D	16113	40		
8,9	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø110	1,7	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	1,9	M8 (5m)	0,18	12	141	120,49	VR273.1K-G63/4b	25285	29	
	2,0	M8 (5m)	0,25	13	184	113,02	VR273.1K-3E71M/4C	24615	33	
	2,6	M8 (5m)	0,25	15	147	96,09	VR273.1K-3E71M/4C	23070	33	
	3,0	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	3,4	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	4,1	M8 (5m)	0,37	24	138	60,39	VR273.1K-3E71M/4D	20024	35	
	5,0	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	5,9	M8 (5m)	0,55	34	143	42,22	VR273.1K-3E80M/4C	17847	38	
	6,9	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
8,3	M8 (5m)	0,75	48	141	30,34	VR273.1K-3E80M/4D	16113	40		
9,8	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø120	1,8	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	2,1	M8 (5m)	0,25	12	196	120,49	VR273.1K-3E71M/4C	25058	33	
	2,2	M8 (5m)	0,25	13	184	113,02	VR273.1K-3E71M/4C	24615	33	
	2,8	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	3,2	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	3,7	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	4,5	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	5,4	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	6,5	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	7,5	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
9,0	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45		
10,7	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø130	2,0	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	2,3	M8 (5m)	0,25	12	196	120,49	VR273.1K-3E71M/4C	25058	33	
	2,4	M8 (5m)	0,25	13	184	113,02	VR273.1K-3E71M/4C	24615	33	
	3,0	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	3,5	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	4,0	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	4,8	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	5,9	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	7,0	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	8,1	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
9,8	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45		
11,6	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø140	2,1	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	2,4	M8 (5m)	0,25	12	196	120,49	VR273.1K-3E71M/4C	25058	33	
	2,6	M8 (5m)	0,25	13	184	113,02	VR273.1K-3E71M/4C	24615	33	
	3,3	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	3,8	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	4,3	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	5,2	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	6,3	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	7,5	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	8,8	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
10,5	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

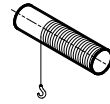
**0,5 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø140	12,5	M8 (5M)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15188	45	368
Ø150	2,3	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	2,6	M8 (5m)	0,25	12	196	120,49	VR273.1K-3E71M/4C	25058	33	
	2,8	M8 (5m)	0,25	13	184	113,02	VR273.1K-3E71M/4C	24615	33	
	3,5	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	4,0	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	4,6	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	5,6	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	6,8	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	8,1	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	9,4	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	11,3	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
	13,4	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49	
Ø160	2,4	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	2,8	M8 (5m)	0,25	12	196	120,49	VR273.1K-3E71M/4C	25058	33	
	3,0	M8 (5m)	0,37	13	273	113,02	VR273.1K-3E71M/4D	24249	35	
	3,8	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	4,3	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	4,9	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	6,0	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	7,2	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	8,6	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	10,0	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	12,0	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
	14,3	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49	
Ø170	2,6	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	3,0	M8 (5m)	0,37	12	290	120,49	VR273.1K-3E71M/4D	24670	35	
	3,2	M8 (5m)	0,37	13	273	113,02	VR273.1K-3E71M/4D	24249	35	
	4,0	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	4,6	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	5,2	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	6,3	M8 (5m)	0,75	24	280	60,39	VR273.1K-3E80M/4D	19438	40	
	7,7	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
Ø180	2,7	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	3,1	M8 (5m)	0,37	12	290	120,49	VR273.1K-3E71M/4D	24670	35	
	3,4	M8 (5m)	0,37	13	273	113,02	VR273.1K-3E71M/4D	24249	35	
	4,2	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	4,9	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	5,6	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	6,7	M8 (5m)	0,75	24	280	60,39	VR273.1K-3E80M/4D	19438	40	
	8,1	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

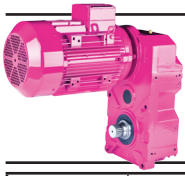
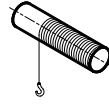
**0,75 t****1 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø110	4,1	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	61	369
	4,7	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	5,3	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	6,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	7,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	8,7	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	66	
	9,6	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68	
	12,1	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	16088	69	
	14,1	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	15,6	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
	18,2	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	76	
21,2	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76		
Ø120	4,5	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	5,1	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	5,8	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	6,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	8,1	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	9,5	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
	10,4	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68	
	13,2	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	15,4	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	17,0	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
	19,8	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	76	
23,2	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	76		
Ø130	4,9	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	5,5	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	6,3	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
	7,5	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	8,8	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	66	
	10,2	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
	11,3	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	68	
	14,3	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	16,7	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	18,4	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	21,5	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
25,1	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	80		
Ø140	5,2	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	6,0	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	66	
	6,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
	8,0	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	9,5	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	68	
	11,0	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
	12,2	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	73	
	15,4	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	18,0	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	19,8	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	23,1	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
27,0	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	80		
Ø150	5,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	6,4	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	66	
	7,2	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
	8,6	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	66	
	10,1	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	68	
	11,8	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	68	
	13,1	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
	16,5	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	73	
	19,2	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	21,3	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	24,8	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	81	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

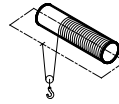
**0,75 t****1 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø150	29,0	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	81	369
Ø160	6,0	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	66	369
	6,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	66	
	7,7	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
	9,2	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	68	
	10,8	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	68	
	12,6	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	73	
	13,9	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
	17,6	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	73	
	20,5	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	22,7	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	26,5	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	81	
	30,9	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	81	
	Ø170	6,4	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	
7,3		M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	66	
8,2		M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
9,8		M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	68	
11,5		M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	68	
13,4		M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	73	
14,8		M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
18,7		M7 (4m)	3,0	35	567	41,42	VR373.1K-3E100L/4D	18777	76	
21,8		M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	76	
24,1		M6 (3m)	4,0	45	602	32,11	VR373.1K-3E112M/4D	22235	81	
28,1		M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	81	
32,8		M6 (3m)	5,5	61	811	23,58	VR373.1K-3E132S/4C	19397	92	
Ø180		6,7	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	66
	7,7	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	66	
	8,7	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	66	
	10,3	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	68	
	12,2	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	73	
	14,2	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	73	
	15,7	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
	19,8	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	76	
	23,1	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	76	
	25,5	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	81	
	29,8	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	81	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

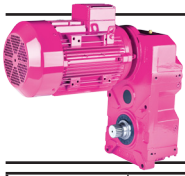
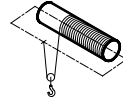
**0,75 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø100	1,6	M8 (5m)	0,25	10	209	137,94	VR273.1K-3E71M/4C	25530	33	368
	1,9	M8 (5m)	0,25	12	183	120,49	VR273.1K-3E71M/4C	24585	33	
	2,0	M8 (5m)	0,25	13	172	113,02	VR273.1K-3E71M/4C	24148	33	
	2,3	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	2,7	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	3,1	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	3,8	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	4,5	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	5,4	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	6,3	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
7,5	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45		
8,9	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø110	1,8	M8 (5m)	0,25	10	209	137,94	VR273.1K-3E71M/4C	25530	33	368
	2,1	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,2	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	2,6	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	3,0	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	3,4	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	4,1	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	5,0	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	5,9	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	6,9	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	8,3	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
	9,8	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49	
Ø120	2,0	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,2	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,4	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	2,8	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	3,2	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	3,7	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	4,5	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	5,4	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	6,5	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	7,5	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	9,0	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
	10,7	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49	
Ø130	2,1	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,4	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,6	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	3,0	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	3,5	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	4,1	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	4,9	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	5,9	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	7,0	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	8,1	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	9,8	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
	11,6	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49	
Ø140	2,3	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,6	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,8	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	3,3	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	3,8	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	4,4	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	5,3	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	6,3	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	7,5	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	8,8	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	10,5	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

**0,75 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø140	12,5	M8 (5m)	2,2	57	348	137,94	VR273.1K-3E100L/4C	14399	55	368
Ø150	2,4	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,8	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	3,0	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	3,5	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	4,0	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	4,7	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	5,7	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	6,8	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	8,1	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	9,4	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	11,3	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
Ø160	2,6	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	3,0	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	3,2	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	3,8	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	4,3	M8 (5m)	0,75	17	384	83,46	VR273.1K-3E80M/4D	21110	40	
	5,0	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	6,0	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45	
	7,2	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	8,6	M8 (5m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	16828	49	
	10,0	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
Ø170	2,8	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368
	3,2	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	3,4	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	4,0	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	4,6	M8 (5m)	0,75	17	384	83,46	VR273.1K-3E80M/4D	21110	40	
	5,3	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
Ø180	2,9	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368
	3,4	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	3,6	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	4,2	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	4,9	M8 (5m)	0,75	17	384	83,46	VR273.1K-3E80M/4D	21110	40	
	5,6	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	

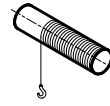
*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

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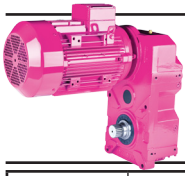
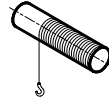


Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	5,6	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	101	370	
	6,4	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	101		
	7,6	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	103		
	8,1	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	103		
	9,6	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107		
	11,0	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107		
	12,5	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107		
	14,2	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	109		
	16,3	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	109		
	18,8	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	117		
	22,7	M8 (5m)	4,0	43	852	34,28	VR473.1K-3E112M/4D	48808	117		
	27,4	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	128		
	27,5	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	197	371	
	Ø180	5,9	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	101	370
		6,7	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103	
8,1		M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	103		
8,5		M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	103		
10,1		M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107		
11,6		M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107		
13,3		M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107		
15,1		M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	109		
17,3		M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	109		
19,9		M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	117		
24,1		M7 (4m)	4,0	43	852	34,28	VR473.1K-3E112M/4D	50759	117		
29,0		M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	128		
21,9		M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	187	371	
24,7		M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	198		
29,2		M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	198		
Ø190	6,3	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	101	370	
	7,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103		
	8,5	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	103		
	9,0	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	103		
	10,7	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107		
	12,3	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107		
	14,0	M8 (5m)	3,0	23	844	61,85	VR473.1K-3E100L/4D	48265	109		
	15,9	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	109		
	18,3	M8 (5m)	4,0	31	885	47,37	VR473.1K-3E112M/4D	48565	109		
	21,0	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	117		
	25,4	M7 (4m)	5,5	43	852	34,28	VR473.1K-3E132S/4C	50759	117		
	30,6	M7 (4m)	5,5	51	1017	28,45	VR473.1K-3E132S/4C	50316	128		
	20,4	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	187	371	
	23,1	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	187		
	26,0	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	198		
30,8	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	198			
Ø200	6,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370	
	7,5	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103		
	9,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	103		
	9,5	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	107		
	11,2	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107		
	12,9	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107		
	14,7	M8 (5m)	3	23	1151	61,85	VR473.1K-3E100L/4D	47395	109		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

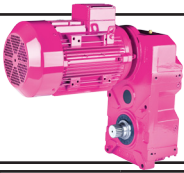
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø200	16,8	M8 (5m)	3	27	1013	54,35	VR473.1K-3E100L/4D	48020	109	370
	19,2	M7 (4m)	4	31	1180	47,37	VR473.1K-3E112M/4D	49917	117	
	22,1	M7 (4m)	4	35	1029	41,50	VR473.1K-3E112M/4D	50379	117	
	26,7	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	128	
	32,2	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	128	
	17,5	M8 (5m)	3,0	27	971	51,97	VR573.1K-3E100L/4D	78210	179	371
	21,5	M8 (5m)	4,0	33	1056	42,62	VR573.1K-3E112M/4D	78483	187	
	24,4	M8 (5m)	5,5	37	1285	37,64	VR573.1K-3E132S/4C	78953	188	
	27,4	M8 (5m)	5,5	42	1144	33,46	VR573.1K-3E132S/4C	79948	198	
	32,4	M8 (5m)	5,5	49	970	28,30	VR573.1K-3E132S/4C	80637	198	
Ø210	6,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370
	7,9	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103	
	9,4	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	107	
	10,0	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	107	
	11,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107	
	13,5	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	109	
	15,5	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	109	
	17,6	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	109	
	20,2	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	117	
	23,2	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	117	
	28,1	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	128	
	33,8	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	139	
	13,9	M8 (5m)	3,0	21	1295	69,00	VR573.1K-3E112M/4D	77685	180	371
	16,4	M8 (5m)	4,0	25	1056	58,36	VR573.1K-3E112M/4D	78483	180	
	18,4	M8 (5m)	4,0	28	1285	51,97	VR573.1K-3E132S/4C	78953	187	
	22,6	M8 (5m)	5,5	34	1144	42,62	VR573.1K-3E132S/4C	79948	187	
	25,6	M8 (5m)	5,5	39	1322	37,64	VR573.1K-3E132M/4D	80066	197	
	28,8	M8 (5m)	7,5	44	1194	33,46	VR573.1K-132S/4-L10	80109	197	
34,0	M8 (5m)	7,5	52	1380	28,30	VR573.1K-132M/4-L10	80199	207		
Ø220	7,2	M8 (5m)	1,5	10	1269	138,35	VR473.1K-90L/4-L02	43107	103	370
	8,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-90L/4-L02	44393	103	
	9,9	M8 (5m)	2,2	14	1375	101,48	VR473.1K-100L/4a-L04	44091	107	
	10,4	M8 (5m)	2,2	15	1300	95,87	VR473.1K-100L/4a-L04	45228	107	
	12,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-100L/4a-L04	47006	107	
	14,2	M7 (4m)	3,0	21	1311	70,59	VR473.1K-100L/4b-L04	49343	109	
	16,2	M7 (4m)	3,0	23	1151	61,85	VR473.1K-100L/4b-L04	49876	109	
	18,4	M7 (4m)	4,0	27	1351	54,35	VR473.1K-112M/4-L05	49389	117	
	21,1	M7 (4m)	4,0	31	1180	47,37	VR473.1K-112M/4-L05	49917	117	
	24,3	M7 (4m)	4,0	35	1029	41,50	VR473.1K-112M/4-L05	50379	117	
	29,4	M6 (3m)	5,5	43	1171	34,28	VR473.1K-132S/4-L10	51856	128	
	35,5	M6 (3m)	7,5	51	1328	28,45	VR473.1K-132M/4-L10	51205	139	
	12,9	M8 (5m)	2,2	19	1285	77,63	VR573.1K-3E100L/4D	73543	177	371
	14,5	M8 (5m)	3,0	21	1089	69,00	VR573.1K-3E100L/4D	75138	180	
	17,2	M8 (5m)	3,0	25	1295	58,36	VR573.1K-3E112M/4D	75648	180	
	19,3	M8 (5m)	4,0	28	1056	51,97	VR573.1K-3E112M/4D	76822	187	
	23,7	M8 (5m)	4,0	34	1285	42,62	VR573.1K-3E132S/4C	76931	187	
	26,8	M8 (5m)	5,5	39	1144	37,64	VR573.1K-3E132S/4C	78149	197	
	30,1	M8 (5m)	5,5	44	1322	33,46	VR573.1K-3E132M/4D	77985	197	
	35,6	M8 (5m)	7,5	52	1380	28,30	VR573.1K-132M/4-L10	78029	207	
Ø230	7,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370
	8,6	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103	
	10,3	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	107	
	10,9	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	107	

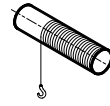
*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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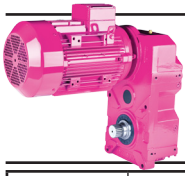
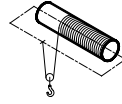


Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{gam} [N]	[kg]	
Ø230	12,9	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	107	370
	14,8	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	109	
	16,9	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	109	
	19,3	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	117	
	22,1	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	117	
	25,4	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	127	
	30,8	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	128	
	37,1	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	139	
	11,9	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	177	371
	13,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180	
	15,2	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180	
	17,9	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	180	
	20,2	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	187	
	24,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197	
28,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197		
31,5	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	197		
37,3	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	207		
Ø240	7,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	104	370
	9,0	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	104	
	10,8	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	107	
	11,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107	
	13,5	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	109	
	15,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	109	
	17,7	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	109	
	20,1	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	117	
	23,1	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	117	
	26,5	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127	
	32,1	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	127	
	38,7	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	139	
	12,4	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	14,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
15,8	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
18,7	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
21,0	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
25,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
29,2	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
32,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
38,9	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

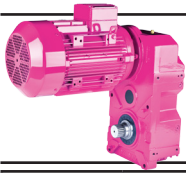
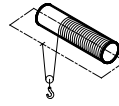
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış Per. O. Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul. Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul. Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø100	1,6	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,9	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,0	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	2,4	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	2,7	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	3,1	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	3,8	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	4,5	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	5,4	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	6,3	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	7,5	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
8,9	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55		
Ø110	1,8	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,1	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	2,2	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	2,6	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	3,0	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	3,4	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	4,1	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	5,0	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	5,9	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	6,9	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	8,3	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
9,8	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55		
Ø120	2,0	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	2,2	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	2,4	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	2,8	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	3,3	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40	
	3,7	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	4,5	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45	
	5,4	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	6,5	M8 (5m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	16828	49	
	7,5	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	9,0	M8 (5m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	14986	55	
10,7	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
Ø130	2,1	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368
	2,4	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	2,6	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	3,1	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38	
	3,5	M7 (4m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	26224	40	
	4,1	M7 (4m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	25324	40	
	4,9	M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45	
	5,9	M7 (4m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	22478	45	
	7,0	M7 (4m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	21040	49	
	8,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	9,8	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55	
11,6	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
Ø140	2,3	M7 (4m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	30525	38	368
	2,6	M7 (4m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	29467	38	
	2,8	M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	28975	38	
	3,3	M6 (3m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	33736	40	
	3,8	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40	
	4,4	M6 (3m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	30705	45	
	5,3	M6 (3m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	29232	45	
	6,3	M6 (3m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	27865	45	
	7,5	M6 (3m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	26150	49	
	8,8	M7 (4m)	2,2	40	495	36,38	VR273.1K-3E100L/4C	19615	55	
	10,5	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

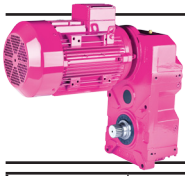
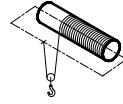
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _r [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{gam} [N]	[kg]	
Ø140	12,5	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55	368
	2,6	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	3,0	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
	3,4	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	4,0	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
	4,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	5,5	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	65	
	6,1	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	65	
	7,7	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	67	
	9,0	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	15482	67	
	9,9	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	72	
	11,6	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	72	
	13,5	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	75	
	Ø150	2,4	M6 (3m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	37839	38
2,8		M6 (3m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	36490	38	
3,0		M5 (2m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	44525	38	
3,6		M5 (2m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	41959	40	
4,1		M5 (2m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	40377	40	
4,7		M5 (2m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	38277	45	
5,7		M5 (2m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	36385	45	
6,8		M5 (2m)	1,5	29	464	50,36	VR273.1K-3E90L/4D	34127	49	
8,1		M4 (1Am)	1,5	34	390	42,22	VR273.1K-3E90L/4D	40483	49	
2,8		M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
3,2		M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
3,6		M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
4,3		M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
5,1		M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
5,9		M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	65	
6,5		M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	65	
8,2		M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	67	
9,6		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	72	
10,6	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	72		
12,4	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	72		
14,5	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	75		
Ø160	2,6	M5	0,55	10	459	137,94	VR273.1K-3E80M/4C	47034	38	368
	3,0	M5	0,55	12	403	120,49	VR273.1K-3E80M/4C	45319	38	
	3,2	M4	0,75	13	517	113,02	VR273.1K-3E80M/4D	54621	40	
	3,8	M4	0,75	15	436	96,09	VR273.1K-3E80M/4D	52085	40	
	4,4	M4	1,1	17	558	83,46	VR273.1K-3E90S/4C	49351	45	
	5,0	M4	1,1	20	489	73,03	VR273.1K-3E90S/4C	47602	45	
	3,0	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	3,4	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	3,9	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	4,6	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	5,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	6,3	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	65	
	7,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	8,8	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	67	
10,3	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	72		
11,3	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	72		
13,2	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	72		
15,4	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	75		
Ø170	3,1	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	61	369
	3,6	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	4,1	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

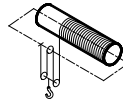
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	4,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	369
	5,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	6,7	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	7,4	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	9,3	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	72	
	10,9	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	72	
	12,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	72	
	14,1	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	75	
	16,4	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	75	
Ø180	3,3	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	62	369
	3,8	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	4,3	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	5,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	6,1	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	7,1	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	7,8	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	9,9	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	72	
	11,5	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	72	
	12,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	72	
	14,9	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	75	
	17,4	M7(4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	75	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

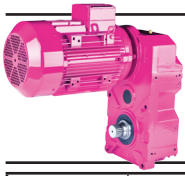
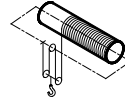
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø100	0,8	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	0,9	M8 (5m)	0,18	11	141	120,49	VR273.1K-G63/4b	25285	29	
	0,9	M8 (5m)	0,18	12	133	113,02	VR273.1K-G63/4b	24828	29	
	1,2	M8 (5m)	0,25	15	147	96,09	VR273.1K-3E71M/4C	23070	33	
	1,3	M8 (5m)	0,25	17	128	83,46	VR273.1K-3E71M/4C	22167	33	
	1,5	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	1,9	M8 (5m)	0,37	24	138	60,39	VR273.1K-3E71M/4D	20024	35	
	2,3	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	2,7	M8 (5m)	0,55	34	143	42,22	VR273.1K-3E80M/4C	17847	38	
	3,1	M8 (5m)	0,55	40	124	36,38	VR273.1K-3E80M/4C	17120	38	
	3,8	M8 (5m)	0,75	48	141	30,34	VR273.1K-3E80M/4D	16113	40	
4,5	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø110	0,8	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	1,0	M8 (5m)	0,18	11	141	120,49	VR273.1K-G63/4b	25285	29	
	1,0	M8 (5m)	0,25	12	184	113,02	VR273.1K-3E71M/4C	24615	33	
	1,3	M8 (5m)	0,25	15	147	96,09	VR273.1K-3E71M/4C	23070	33	
	1,5	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	1,7	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	2,1	M8 (5m)	0,37	24	138	60,39	VR273.1K-3E71M/4D	20024	35	
	2,5	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	3,0	M8 (5m)	0,55	34	143	42,22	VR273.1K-3E80M/4C	17847	38	
	3,4	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
	4,1	M8 (5m)	0,75	48	141	30,34	VR273.1K-3E80M/4D	16113	40	
4,9	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø120	0,9	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	1,0	M8 (5m)	0,25	11	196	120,49	VR273.1K-3E71M/4C	25058	33	
	1,1	M8 (5m)	0,25	12	184	113,02	VR273.1K-3E71M/4C	24615	33	
	1,4	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,6	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	1,9	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	2,2	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	2,7	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	3,2	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	3,8	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
	4,5	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
5,4	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø130	1,0	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	-26017	33	368
	1,1	M8 (5m)	0,25	11	196	120,49	VR273.1K-3E71M/4C	-25058	33	
	1,2	M8 (5m)	0,25	12	184	113,02	VR273.1K-3E71M/4C	-24615	33	
	1,5	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	-22779	35	
	1,8	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	-21913	35	
	2,0	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	-21117	35	
	2,4	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	-19747	38	
	2,9	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	-18738	38	
	3,5	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	-17633	40	
	4,1	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	-16935	40	
	4,9	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	-15841	45	
5,8	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	-15118	45		
Ø140	1,1	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,2	M8 (5m)	0,25	11	196	120,49	VR273.1K-3E71M/4C	25058	33	
	1,3	M8 (5m)	0,25	12	184	113,02	VR273.1K-3E71M/4C	24615	33	
	1,6	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,9	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	2,2	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,6	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	3,2	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	3,8	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	4,4	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	5,3	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

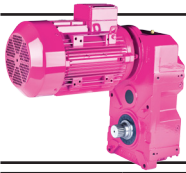
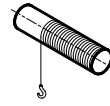
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø140	6,3	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45	368
Ø150	1,1	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,3	M8 (5m)	0,25	11	196	120,49	VR273.1K-3E71M/4C	25058	33	
	1,4	M8 (5m)	0,25	12	184	113,02	VR273.1K-3E71M/4C	24615	33	
	1,8	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	2,0	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	2,3	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,8	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	3,4	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	4,0	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	4,7	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	5,6	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
6,7	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø160	1,2	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,4	M8 (5m)	0,25	11	196	120,49	VR273.1K-3E71M/4C	25058	33	
	1,5	M8 (5m)	0,37	12	273	113,02	VR273.1K-3E71M/4D	24249	35	
	1,9	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	2,2	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,5	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	3,0	M8 (5m)	0,55	24	205	60,39	VR273.1K-3E80M/4C	19747	38	
	3,6	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	4,3	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	5,0	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	6,0	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
7,2	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø170	1,3	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,5	M8 (5m)	0,37	11	290	120,49	VR273.1K-3E71M/4D	24670	35	
	1,6	M8 (5m)	0,37	12	273	113,02	VR273.1K-3E71M/4D	24249	35	
	2,0	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	2,3	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,6	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	3,2	M8 (5m)	0,75	24	280	60,39	VR273.1K-3E80M/4D	19438	40	
	3,8	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	Ø180	1,4	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	
1,6		M8 (5m)	0,37	11	290	120,49	VR273.1K-3E71M/4D	24670	35	
1,7		M8 (5m)	0,37	12	273	113,02	VR273.1K-3E71M/4D	24249	35	
2,1		M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
2,4		M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
2,8		M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
3,4		M8 (5m)	0,75	24	280	60,39	VR273.1K-3E80M/4D	19438	40	
4,1		M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

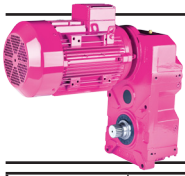
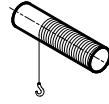
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	5,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370
	6,4	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103	
	7,6	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	107	
	8,1	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	107	
	9,6	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107	
	11,0	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	110	
	12,5	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	110	
	14,2	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	110	
	16,5	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	117	
	18,8	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	117	
	22,7	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	128	
	27,5	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	138	
	13,3	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	180	371
	15,0	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187	
	18,3	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	187	
	20,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197	
	23,3	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	197	
	27,6	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207	
Ø180	5,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-90L/4-L02	43107	103	370
	6,7	M8 (5m)	1,5	12	1118	121,49	VR473.1K-90L/4-L02	44393	103	
	8,1	M8 (5m)	2,2	14	1375	101,48	VR473.1K-100L/4a-L04	44091	107	
	8,5	M8 (5m)	2,2	15	1300	95,87	VR473.1K-100L/4a-L04	45228	107	
	10,1	M7 (4m)	2,2	18	1100	81,00	VR473.1K-100L/4a-L04	49870	107	
	11,6	M7 (4m)	3,0	21	1311	70,59	VR473.1K-100L/4b-L04	49343	110	
	13,3	M7 (4m)	3,0	23	1151	61,85	VR473.1K-100L/4b-L04	49876	110	
	15,1	M7 (4m)	4,0	27	1351	54,35	VR473.1K-112M/4-L05	49389	117	
	17,4	M7 (4m)	4,0	31	1172	47,37	VR473.1K-112M/4-L05	49917	117	
	19,9	M7 (4m)	5,5	35	1414	41,50	VR473.1K-132S/4-L10	49286	128	
	24,1	M6 (3m)	5,5	43	1171	34,28	VR473.1K-132S/4-L10	51856	128	
	29,1	M6 (3m)	7,5	51	1324	28,45	VR473.1K-132M/4-L10	51208	138	
	9,3	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	177	371
	10,6	M8 (5m)	2,2	19	1058	77,63	VR573.1K-3E100L/4C	74293	177	
	11,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180	
	14,0	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	180	
	15,9	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187	
	19,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	187	
21,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197		
24,7	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	197		
29,3	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207		
Ø190	6,3	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370
	7,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	103	
	8,5	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	107	
	9,0	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107	
	10,7	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110	
	12,3	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	110	
	14,0	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	110	
	15,9	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	117	
	18,4	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	117	
	21,0	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	128	
	25,4	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	128	
	30,7	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	138	
	9,8	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	177	371
	11,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180	
	12,5	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

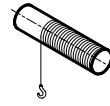
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	14,8	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187	371	
	16,8	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187		
	20,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
	23,1	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197		
	26,0	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	197		
	30,9	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207		
Ø200	6,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370	
	7,5	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	107		
	9,0	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107		
	9,5	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107		
	11,2	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110		
	12,9	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	110		
	14,7	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	117		
	16,8	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	117		
	19,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	22,1	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127		
	26,7	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	127		
	32,3	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	137		
	8,5	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177		371
	10,4	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	177		
	11,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180		
	13,2	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180		
	15,6	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187		
	17,6	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187		
	21,5	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
	24,4	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197		
27,4	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	207			
32,5	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207			
Ø210	6,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	103	370	
	7,9	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107		
	9,4	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107		
	10,0	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107		
	11,8	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110		
	13,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	110		
	15,5	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	117		
	17,6	M6 (3m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	51793	117		
	20,3	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	23,2	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127		
	28,1	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	137		
	34,0	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	137		
	7,5	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		371
	8,9	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177		
	10,9	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
	12,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180		
	13,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180		
	16,4	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187		
	18,5	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187		
	22,6	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
25,6	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197			
28,8	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	207			
34,1	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207			
Ø220	7,2	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	107	370	
	8,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107		
	9,9	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107		
	10,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

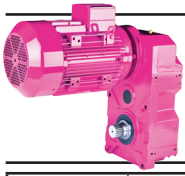
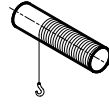
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø220	12,4	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110	370	
	14,2	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	110		
	16,2	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	117		
	18,4	M6 (3m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	51793	117		
	21,3	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	24,3	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127		
	29,4	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	137		
	35,6	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	137		
	6,1	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173		371
	7,0	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	173		
	7,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
	9,3	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177		
	11,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
	12,9	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180		
	14,5	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	180		
	17,2	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187		
	19,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	187		
	23,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
	26,8	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	197		
	30,1	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	207		
35,8	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207			
Ø230	7,6	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	107	370	
	8,6	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107		
	10,3	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107		
	10,9	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	110		
	12,9	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110		
	14,8	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	117		
	16,9	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	117		
	19,3	M6 (3m)	4,0	27	1857	54,35	VR473.1K-3E132S/4C	50357	117		
	22,3	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	25,4	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127		
	30,8	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	137		
	6,4	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	177		371
	7,3	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177		
	8,3	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
	9,8	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177		
	11,9	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
	13,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180		
	15,2	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187		
	17,9	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187		
	20,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197		
24,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197			
28,0	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207			
31,5	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	207			
37,4	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265			
Ø240	7,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	107	370	
	9,0	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107		
	10,8	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	110		
	11,4	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	110		
	13,5	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	110		
	15,5	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	117		
	17,7	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	117		
	20,1	M6 (3m)	5,5	27	1857	54,35	VR473.1K-3E132S/4C	50357	127		
	23,2	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	26,5	M5 (2m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	53672	127		
	32,1	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	137		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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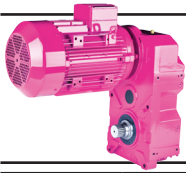
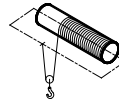
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø240	6,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173	371
	7,6	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177	
	8,6	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177	
	10,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177	
	12,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180	
	14,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180	
	15,8	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187	
	18,7	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	187	
	21,2	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197	
	25,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197	
	29,2	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207	
	32,9	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	207	
	39,0	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankkomponenten sondern nur für Getriebe.

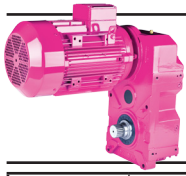
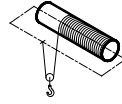
**1,25 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	1,6	M8 (5m)	0,37	10	309	137,94	VR2373.1K-3E71M/4D	25116	35	368
	1,9	M8 (5m)	0,55	12	399	120,49	VR2373.1K-3E80M/4C	23616	38	
	2,0	M8 (5m)	0,55	13	375	113,02	VR2373.1K-3E80M/4C	23234	38	
	2,4	M8 (5m)	0,55	15	320	96,09	VR2373.1K-3E80M/4C	22283	38	
	2,7	M8 (5m)	0,75	17	380	83,46	VR2373.1K-3E80M/4D	21056	40	
	3,1	M8 (5m)	0,75	20	334	73,03	VR2373.1K-3E80M/4D	20358	40	
	3,8	M8 (5m)	1,1	24	406	60,39	VR2373.1K-3E90S/4C	18852	45	
	4,5	M8 (5m)	1,1	29	340	50,36	VR2373.1K-3E90S/4C	18036	45	
	5,4	M7 (4m)	1,5	34	390	42,22	VR2373.1K-3E90L/4D	21040	49	
	6,3	M8 (5m)	1,5	40	338	36,38	VR2373.1K-3E90L/4D	16237	49	
7,5	M8 (5m)	2,2	48	414	30,34	VR2373.1K-3E100L/4C	14986	55		
8,9	M7 (4m)	2,2	57	348	25,44	VR2373.1K-3E100L/4C	18017	55		
Ø110	1,8	M7 (4m)	0,55	10	459	137,94	VR2373.1K-3E80M/4C	30525	38	368
	2,1	M7 (4m)	0,55	12	399	120,49	VR2373.1K-3E80M/4C	29387	38	
	2,2	M7 (4m)	0,55	13	375	113,02	VR2373.1K-3E80M/4C	28896	38	
	2,6	M7 (4m)	0,75	15	436	96,09	VR2373.1K-3E80M/4D	27195	40	
	3,0	M7 (4m)	0,75	17	380	83,46	VR2373.1K-3E80M/4D	26224	40	
	3,4	M6 (3m)	1,1	20	489	73,03	VR2373.1K-3E90S/4C	30705	45	
	4,1	M6 (3m)	1,1	24	406	60,39	VR2373.1K-3E90S/4C	29232	45	
	5,0	M6 (3m)	1,1	29	340	50,36	VR2373.1K-3E90S/4C	27865	45	
	5,9	M6 (3m)	1,5	34	390	42,22	VR2373.1K-3E90L/4D	26150	49	
	6,9	M7 (4m)	1,5	40	338	36,38	VR2373.1K-3E90L/4D	20266	49	
	8,3	M7 (4m)	2,2	48	414	30,34	VR2373.1K-3E100L/4C	18801	55	
	9,8	M7 (4m)	2,2	57	348	25,44	VR2373.1K-3E100L/4C	18017	55	
	2,1	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	61	369
	2,3	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
	2,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	3,2	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
	3,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
4,3	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	65		
4,8	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	65		
6,0	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	67		
7,1	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	67		
7,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73		
9,1	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	73		
10,6	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76		
Ø120	2,0	M6 (3m)	0,55	10	459	137,94	VR2373.1K-3E80M/4C	37839	38	368
	2,3	M6 (3m)	0,55	12	399	120,49	VR2373.1K-3E80M/4C	36388	38	
	2,4	M5 (2m)	0,55	13	375	113,02	VR2373.1K-3E80M/4C	44397	38	
	2,8	M5 (2m)	0,75	15	436	96,09	VR2373.1K-3E80M/4D	41959	40	
	3,3	M5 (2m)	0,75	17	380	83,46	VR2373.1K-3E80M/4D	40377	40	
	3,7	M5 (2m)	1,1	20	489	73,03	VR2373.1K-3E90S/4C	38277	45	
	4,5	M5 (2m)	1,1	24	406	60,39	VR2373.1K-3E90S/4C	36385	45	
	5,4	M5 (2m)	1,5	29	464	50,36	VR2373.1K-3E90L/4D	34127	49	
	6,5	M4 (1Am)	1,5	34	390	42,22	VR2373.1K-3E90L/4D	40483	49	
	7,5	M7 (4m)	2,2	40	495	36,38	VR2373.1K-3E100L/4C	19615	55	
	9,0	M7 (4m)	2,2	48	414	30,34	VR2373.1K-3E100L/4C	18801	55	
	10,7	M6 (4m)	3,0	57	475	25,44	VR2373.1K-3E100L/4D	21883	59	
	2,2	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	61	369
	2,6	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	61	
	2,9	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	3,4	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	62	
	4,1	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
4,7	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	65		
5,2	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	65		
6,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	67		
7,7	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73		
8,5	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73		
9,9	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	73		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

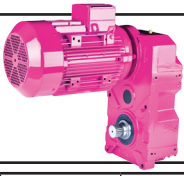
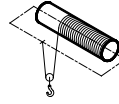
**1,25 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø120	11,6	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	76	369
Ø130	2,4	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	61	369
	2,8	M8 (5m)	0,75	13	491	106,69	VR373.1K-3E80M/4D	21452	62	
	3,1	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	3,7	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	4,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	5,1	M8 (5m)	1,1	24	393	57,79	VR373.1K-3E90S/4C	17892	65	
	5,7	M8 (5m)	1,5	27	486	52,30	VR373.1K-3E90L/4D	17019	67	
	7,1	M8 (5m)	1,5	34	386	41,42	VR373.1K-3E90L/4D	16088	67	
	8,3	M8 (5m)	2,2	39	487	35,49	VR373.1K-3E100L/4C	14969	73	
	9,2	M8 (5m)	2,2	44	441	32,11	VR373.1K-3E100L/4C	14631	73	
	10,7	M8 (5m)	3,0	51	515	27,53	VR373.1K-3E100L/4D	13658	76	
	12,5	M8 (5m)	3,0	59	442	23,58	VR373.1K-3E100L/4D	13202	76	
Ø140	2,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	3,0	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	3,4	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	62	
	4,0	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	4,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	5,5	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	6,1	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	7,7	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	9,0	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	9,9	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	73	
	11,6	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	76	
	13,5	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	76	
Ø150	2,8	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	3,2	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	3,6	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	4,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	5,1	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	65	
	5,9	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	6,5	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	8,2	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	9,6	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	73	
	10,6	M8 (5m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	14100	76	
	12,4	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
	14,5	M7 (4m)	4,0	59	590	23,58	VR373.1K-3E112M/4D	16552	80	
Ø160	3,0	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	3,4	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	62	
	3,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	4,6	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	5,4	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	67	
	6,3	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	7,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	67	
	8,8	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	10,3	M7 (4m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	18757	73	
	11,3	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	13,2	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
	15,4	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	80	
Ø170	3,2	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	3,6	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	65	
	4,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	4,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	5,7	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	67	
	6,7	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	7,4	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	73	
	9,3	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	73	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

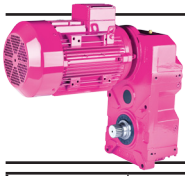
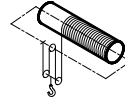
**1,25 t****2 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø170	10,9	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	369
	12,1	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	14,1	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
	16,4	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	80	
Ø180	3,4	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	3,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	4,3	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	5,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	6,1	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	7,1	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	7,8	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	9,9	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	11,5	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	12,8	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	14,9	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	77	
	17,4	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

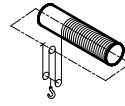
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,8	M8 (5m)	0,18	10	161	137,94	VR273.1K-G63/4b	26276	29	368
	0,9	M8 (5m)	0,25	12	183	120,49	VR273.1K-3E71M/4C	24585	33	
	1,0	M8 (5m)	0,25	13	172	113,02	VR273.1K-3E71M/4C	24148	33	
	1,2	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,3	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	1,5	M8 (5m)	0,37	20	166	73,03	VR273.1K-3E71M/4D	21117	35	
	1,9	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	2,3	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	2,7	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	3,1	M8 (5m)	0,75	40	169	36,38	VR273.1K-3E80M/4D	16935	40	
	3,8	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
4,5	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø110	0,8	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,0	M8 (5m)	0,25	12	183	120,49	VR273.1K-3E71M/4C	24585	33	
	1,1	M8 (5m)	0,25	13	172	113,02	VR273.1K-3E71M/4C	24148	33	
	1,3	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,5	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	1,7	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,1	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	2,5	M8 (5m)	0,55	29	170	50,36	VR273.1K-3E80M/4C	18738	38	
	3,0	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	3,4	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	4,1	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
4,9	M8 (5m)	1,1	57	174	25,44	VR273.1K-3E90S/4C	15118	45		
Ø120	0,9	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,1	M8 (5m)	0,25	12	183	120,49	VR273.1K-3E71M/4C	24585	33	
	1,2	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,4	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,6	M8 (5m)	0,37	17	190	83,46	VR273.1K-3E71M/4D	21913	35	
	1,9	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,3	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	2,7	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	3,2	M8 (5m)	0,75	34	195	42,22	VR273.1K-3E80M/4D	17633	40	
	3,8	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	4,5	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
5,4	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø130	1,0	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,2	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,3	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,5	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,8	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,0	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,5	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	2,9	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	3,5	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	4,1	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	4,9	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
5,8	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø140	1,1	M8 (5m)	0,25	10	224	137,94	VR273.1K-3E71M/4C	26017	33	368
	1,3	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,4	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,6	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,9	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,2	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,6	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	3,2	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	3,8	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	4,4	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	5,3	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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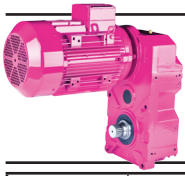
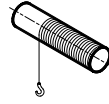
**1,25 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø140	6,3	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	53	368
Ø150	1,1	M8 (5m)	0,37	10	331	137,94	VR273.1K-3E71M/4D	25574	35	368
	1,4	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,5	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,8	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	2,0	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,3	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	2,8	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	3,4	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	4,0	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	4,7	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	5,6	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
6,7	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø160	1,2	M8 (5m)	0,37	10	331	137,94	VR273.1K-3E71M/4D	26017	35	368
	1,5	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	25058	35	
	1,6	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	24249	35	
	1,9	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22779	38	
	2,2	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,5	M8 (5m)	0,55	20	247	73,03	VR273.1K-3E80M/4C	20783	38	
	3,0	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19747	40	
	3,6	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18483	45	
	4,3	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	5,0	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16609	49	
6,0	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15841	49		
Ø170	1,3	M8 (5m)	0,37	10	331	137,94	VR273.1K-3E71M/4D	25574	35	368
	1,6	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,7	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	2,0	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	2,3	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,6	M8 (5m)	0,75	20	337	73,03	VR273.1K-3E80M/4D	20412	40	
	3,2	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
Ø180	1,4	M8 (5m)	0,37	10	331	137,94	VR273.1K-3E71M/4D	25574	35	368
	1,7	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,8	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	2,1	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	2,4	M8 (5m)	0,55	17	282	83,46	VR273.1K-3E80M/4C	21533	38	
	2,8	M8 (5m)	0,75	20	337	73,03	VR273.1K-3E80M/4D	20412	40	
	3,4	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

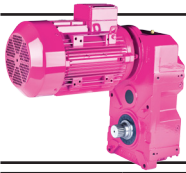
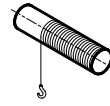
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser			Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	5,6	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	104	370
	6,4	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107	
	7,6	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107	
	8,1	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	107	
	9,6	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	110	
	11,0	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	110	
	12,6	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	117	
	14,3	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	117	
	16,5	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127	
	18,8	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127	
	22,8	M6 (3m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	50654	137	
	27,5	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	137	
	4,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173	371
	5,4	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	173	
	6,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177	
	7,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177	
	8,8	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180	
	10,0	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180	
	11,2	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	180	
	13,4	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	187	
15,0	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	187		
18,3	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
20,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	197		
23,4	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	207		
27,6	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	207		
Ø180	5,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	107	370
	6,7	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107	
	8,1	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	107	
	8,5	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	110	
	10,1	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	110	
	11,6	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	117	
	13,3	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	117	
	15,2	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	117	
	17,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127	
	19,9	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	127	
	24,2	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	137	
	29,1	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	194	
	5,0	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173	371
	5,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177	
	6,5	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177	
	7,6	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177	
	9,3	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180	
	10,6	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180	
	11,9	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187	
	14,1	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	187	
15,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197		
19,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
21,9	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207		
24,8	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	207		
29,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	264		
Ø190	6,3	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	107	370
	7,1	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	107	
	8,5	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	110	
	9,0	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	110	
	10,7	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	110	
	12,3	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	117	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

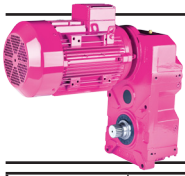
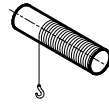
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	14,1	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	117	370	
	16,0	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	127		
	18,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	127		
	21,0	M5 (2m)	7,5	35	1929	41,50	VR473.1K-3E132M/4D	52214	127		
	25,5	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	137		
	30,7	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	194		
	5,3	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173	371	
	6,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177		
	6,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
	8,1	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	177		
	9,8	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
	11,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	180		
	12,5	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187		
	14,9	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	187		
	16,8	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197		
	20,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	197		
	23,1	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207		
	26,1	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	207		
	30,9	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265		
	Ø200	6,6	M4 (1Am)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	62680	107	370
7,5		M4 (1Am)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	61509	107		
9,0		M4 (1Am)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	59115	110		
9,5		M4 (1Am)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	58800	110		
11,2		M4 (1Am)	4,0	18	2000	81,00	VR473.1K-3E112M/4D	56972	110		
5,6		M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	173	371	
6,4		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177		
7,2		M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
8,5		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	180		
10,4		M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
11,7		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	187		
13,2		M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187		
15,7		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	197		
17,6		M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197		
21,5		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	207		
24,4		M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207		
27,5		M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	207		
32,5		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265		
Ø210		5,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	177	371
		6,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177	
	7,5	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
	8,9	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	180		
	10,9	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	180		
	12,3	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	187		
	13,9	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	187		
	16,5	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	197		
	18,5	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197		
	22,6	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	207		
	25,6	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207		
	28,9	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	207		
	34,1	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265		
Ø220	6,1	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	177	371	
	7,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177		
	7,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	177		
	9,3	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	180		
	11,4	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	187		
	12,9	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	187		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

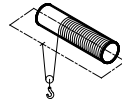
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø220	14,5	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	371
	17,3	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	19,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	23,7	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	26,8	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	
	30,3	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	35,8	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø230	6,4	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	177	371
	7,3	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177	
	8,3	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	9,8	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	180	
	11,9	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	187	
	13,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	187	
	15,2	M8 (5m)	5,5	21	2355	69,00	VR573.1K-3E132S/4C	73828	197	
	18,1	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	197	
	20,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	197	
	24,7	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	207	
	28,0	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	207	
	31,6	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	265	
	37,4	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265	
	Ø240	6,7	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	
7,6		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	177	
8,6		M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	180	
10,2		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	180	
12,4		M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	187	
14,1		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	187	
15,8		M8 (5m)	5,5	21	2355	69,00	VR573.1K-3E132S/4C	73828	197	
18,9		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	197	
21,2		M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	207	
25,8		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	207	
29,2		M8 (5m)	11	39	2569	37,64	VR573.1K-3E160M/4C	76869	265	
33,0		M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	265	
39,0		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	265	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

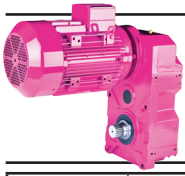
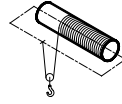
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø130	2,4	M8 (5m)	1,1	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	2,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	65	
	3,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	3,7	M8 (5m)	1,5	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	4,4	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	67	
	5,1	M8 (5m)	2,2	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	5,7	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	73	
	7,1	M8 (5m)	3,0	35	567	41,42	VR373.1K-3E100L/4C	15491	73	
	8,3	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	9,2	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	10,7	M7 (4m)	4,0	53	515	27,53	VR373.1K-3E100L/4D	17168	76	
	12,6	M7 (4m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	16040	80	
	8,6	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	110	370
	10,4	M8 (5m)	3,0	51	535	28,45	VR473.1K-3E100L/4D	49731	117	
Ø140	2,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	62	369
	3,0	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	65	
	3,4	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	4,0	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	65	
	4,7	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	67	
	5,5	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	67	
	6,1	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
	7,7	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	73	
	9,0	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	9,9	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	11,6	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	80	
	13,6	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	80	
	5,9	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	107	370
	6,7	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	107	
7,7	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	107		
9,3	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	110		
11,2	M8 (5m)	4,0	51	713	28,45	VR473.1K-3E112M/4D	49225	117		
Ø150	2,8	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	65	369
	3,2	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	3,6	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	4,3	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	67	
	5,1	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	67	
	5,9	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	73	
	6,5	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73	
	8,2	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	19459	73	
	9,6	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	76	
	10,6	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	76	
	12,4	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	80	
	14,6	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	80	
	4,8	M8 (5m)	1,5	21	655	70,59	VR473.1K-3E90L/4D	48543	107	370
	5,5	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107	
6,3	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	107		
7,2	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	107		
8,2	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	107		
10,0	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	110		
12,0	M8 (5m)	4,0	51	713	28,45	VR473.1K-3E112M/4D	49225	117		
Ø160	3,0	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	65	369
	3,4	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	65	
	3,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	65	
	4,6	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	67	
	5,4	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	67	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

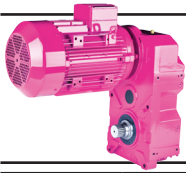
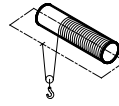
**1,6 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası		
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø160	6,3	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	71	369		
	7,0	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	71			
	8,8	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	19459	74			
	10,3	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	74			
	11,3	M6 (3m)	4,0	45	601	32,11	VR373.1K-3E100L/4D	17776	74			
	13,2	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	80			
	15,6	M6 (3m)	5,5	62	586	23,58	VR373.1K-3E112M/4D	20096	90			
	4,5	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	107		370	
	5,2	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107			
	5,9	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107			
	6,7	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	107			
	7,7	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	107			
	8,8	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	110			
	10,6	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	110			
	12,8	M8 (5m)	4,0	51	713	28,45	VR473.1K-3E112M/4D	49225	117			
	Ø170	3,2	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295			65
	3,6	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	65			
	4,1	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	67			
4,9	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	67				
5,7	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	73				
6,7	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	73				
7,4	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	73				
9,3	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	76				
10,9	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	76				
12,1	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	80				
14,1	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	80				
16,5	M5 (2m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	24468	90				
3,8	M8 (5m)	1,1	14	687	101,48	VR473.1K-90S/4-L02	46039	103	370			
4,0	M8 (5m)	1,1	15	650	95,87	VR473.1K-90S/4-L02	47071	103				
4,8	M8 (5m)	1,5	18	750	81,00	VR473.1K-100L/4a-L04	47998	107				
5,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-100L/4a-L04	47676	107				
6,3	M8 (5m)	2,2	23	844	61,85	VR473.1K-100L/4a-L04	48265	107				
7,1	M8 (5m)	2,2	27	743	54,35	VR473.1K-100L/4a-L04	48786	107				
8,2	M8 (5m)	2,2	31	649	47,37	VR473.1K-100L/4a-L04	49234	107				
9,3	M8 (5m)	3,0	35	777	41,50	VR473.1K-100L/4b-L04	49048	110				
11,3	M8 (5m)	4,0	42	857	34,28	VR473.1K-100L/4b-L04	48811	110				
13,6	M8 (5m)	4,0	51	713	28,45	VR473.1K-112M/4-L05	49225	117				
Ø180	3,4	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295		65	369	
3,8	M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	65				
4,3	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	67				
5,2	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	67				
6,1	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	73				
7,1	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	73				
7,8	M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	73				
9,9	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	76				
11,5	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	80				
12,8	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	80				
4,0	M8 (5m)	1,1	14	687	101,48	VR473.1K-3E90S/4C	46039	102	370			
4,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	104				
5,1	M8 (5m)	1,5	18	750	81,00	VR473.1K-3E90L/4D	47998	107				
5,8	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107				
6,6	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107				
7,5	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	107				

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

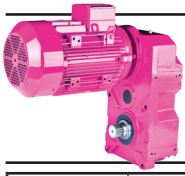
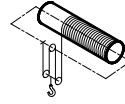
**1,6 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø180	8,7	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	110	370
	9,9	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	110	
	12,0	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	117	
	14,4	M8 (5m)	4,0	51	713	28,45	VR473.1K-3E112M/4D	49225	117	
Ø190	3,6	M7 (4m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	26779	65	369
	4,1	M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	65	
	4,6	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	67	
	5,5	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	67	
	6,4	M6 (3m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	27239	73	
	7,5	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	73	
	8,3	M6 (3m)	3,0	28	972	52,30	VR373.1K-3E100L/4D	24827	76	
	10,4	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	76	
	12,2	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	80	
	13,5	M5 (2m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	27177	80	
	3,1	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	102	370
	3,6	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	102	
	4,3	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	104	
	4,5	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	104	
	5,3	M8 (5m)	1,5	17	750	81,00	VR473.1K-3E90L/4D	47998	107	
	6,1	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107	
	7,0	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107	
	8,0	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	107	
9,1	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	110		
10,4	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	110		
12,6	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	117		
15,2	M8 (5m)	5,5	51	981	28,45	VR473.1K-3E132S/4C	48467	127		
Ø200	3,7	M6 (3m)	1,1	12	848	121,67	VR373.1K-3E90S/4C	33431	65	369
	4,3	M6 (3m)	1,5	14	1017	106,69	VR373.1K-3E90L/4D	31495	67	
	4,8	M5 (2m)	1,5	15	901	94,32	VR373.1K-3E90L/4D	38350	67	
	5,7	M5 (2m)	2,2	18	1114	79,34	VR373.1K-3E100L/4C	35580	73	
	6,8	M5 (2m)	2,2	21	950	67,45	VR373.1K-3E100L/4C	34244	73	
	7,9	M5 (2m)	2,2	25	815	57,79	VR373.1K-3E100L/4C	32982	73	
	8,7	M5 (2m)	3,0	28	1007	52,30	VR373.1K-3E100L/4D	31317	76	
	11,0	M4 (1Am)	3,0	35	801	41,42	VR373.1K-3E100L/4D	37091	76	
	12,8	M4 (1Am)	4,0	41	916	35,49	VR373.1K-3E112M/4D	34923	80	
	14,2	M4 (1Am)	4,0	45	830	32,11	VR373.1K-3E112M/4D	34080	80	
	3,3	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	102	370
	3,7	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	102	
	4,5	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	104	
	4,7	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	104	
	5,6	M8 (5m)	2,2	17	1100	81,00	VR473.1K-3E100L/4C	47006	107	
	6,4	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	107	
	7,4	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	107	
	8,4	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	110	
9,6	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	110		
11,0	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	110		
13,3	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	117		
16,0	M8 (5m)	5,5	51	981	28,45	VR473.1K-3E132S/4C	48467	127		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

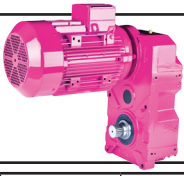
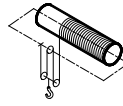
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,8	M8 (5m)	0,25	10	209	137,94	VR273.1K-3E71M/4C	25530	33	368
	0,9	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,0	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,2	M8 (5m)	0,37	15	217	96,09	VR273.1K-3E71M/4D	22779	35	
	1,4	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	1,6	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	1,9	M8 (5m)	0,55	24	203	60,39	VR273.1K-3E80M/4C	19691	38	
	2,3	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	2,7	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	3,1	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	3,8	M8 (5m)	1,1	48	207	30,34	VR273.1K-3E90S/4C	15841	45	
4,5	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø110	0,9	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,0	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,1	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,3	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	1,5	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	1,7	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	2,1	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	2,5	M8 (5m)	0,75	29	232	50,36	VR273.1K-3E80M/4D	18483	40	
	3,0	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	3,4	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	4,1	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
4,9	M8 (5m)	1,5	57	237	25,44	VR273.1K-3E90L/4D	14856	49		
Ø120	1,0	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,1	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,2	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35	
	1,4	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	1,6	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	1,9	M8 (5m)	0,55	20	245	73,03	VR273.1K-3E80M/4C	20726	38	
	2,3	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	2,7	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	3,2	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	3,8	M8 (5m)	1,1	40	248	36,38	VR273.1K-3E90S/4C	16609	45	
	4,5	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
5,4	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55		
Ø130	1,1	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,2	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35	
	1,3	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	1,5	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	1,8	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	2,0	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	2,5	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	2,9	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	3,5	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	4,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	4,9	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	
5,8	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55		
Ø140	1,1	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,3	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	1,4	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	1,6	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	1,9	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38	
	2,2	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	2,6	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40	
	3,2	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	3,8	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45	
	4,4	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
	5,3	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

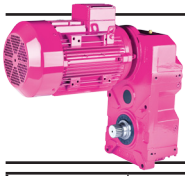
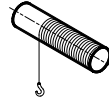
**1,6 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Göv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø140	6,3	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55	368
Ø150	1,2	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368
	1,4	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	1,5	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	1,8	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	2,0	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40	
	2,3	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40	
	2,8	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45	
	3,4	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45	
	4,0	M8 (5m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	16828	49	
	4,7	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
Ø160	1,3	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368
	1,5	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38	
	1,6	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38	
	1,9	M8 (5m)	0,55	15	323	96,09	VR273.1K-3E80M/4C	22343	38	
	2,2	M7 (4m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	26224	40	
	2,5	M7 (4m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	25324	40	
	3,0	M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45	
	3,6	M7 (4m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	22478	45	
	4,3	M7 (4m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	21040	49	
	5,0	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49	
Ø170	1,4	M7 (4m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	30525	38	368
	1,6	M7 (4m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	29467	38	
	1,7	M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	28975	38	
	2,0	M7 (4m)	0,75	15	441	96,09	VR273.1K-3E80M/4D	27267	40	
	2,3	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40	
Ø180	1,5	M7 (4m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	30525	38	368
	1,7	M7 (4m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	29467	38	
	1,8	M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	28975	38	
	2,1	M7 (4m)	0,75	15	441	96,09	VR273.1K-3E80M/4D	27267	40	
	2,5	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø230	6,4	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	177	371	
	7,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	180		
	8,3	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	180		
	9,8	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	187		
	12,0	M8 (5m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	69151	187		
	13,6	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	197		
	15,3	M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	197		
	18,1	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	207		
	20,4	M7 (4m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	80785	207		
	24,9	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	265		
	28,2	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	265		
	31,7	M6 (3m)	11	44	2272	33,46	VR573.1K-3E160M/4C	86236	265		
	37,5	M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	286		
	13,8	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	300	372	
	15,8	M8 (5m)	5,5	22	2259	66,59	VR673.1K-3E132S/4C	115595	300		
	18,1	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	310		
	Ø240	6,7	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	180	371
		7,6	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	180	
		8,6	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	180	
		10,3	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	187	
12,5		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	197		
14,2		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	197		
15,9		M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	197		
18,9		M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	210		
21,2		M7 (4m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	80785	210		
26,0		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	267		
29,4		M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	267		
33,1		M6 (3m)	11	44	2272	33,46	VR573.1K-3E160M/4C	86236	267		
39,1		M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	286		
10,8		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	300	372	
12,5		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	300		
14,4		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	300		
16,5		M8 (5m)	5,5	22	2259	66,59	VR673.1K-3E132S/4C	115595	300		
18,9		M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	310		
Ø250		7,0	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	180	371
		7,9	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	180	
	9,0	M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	180		
	10,7	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	187		
	13,0	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	197		
	14,8	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	197		
	16,6	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	197		
	19,7	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	210		
	22,1	M6 (3m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	86002	210		
	27,1	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	267		
	30,7	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	267		
	34,5	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	286		
	40,8	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	286		
	11,2	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	297	372	
	13,1	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	297		
	15,0	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	297		
	17,2	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	310		
	19,6	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	310		
	Ø260	7,2	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	180	371
		8,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	180	
9,3		M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	187		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

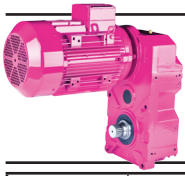
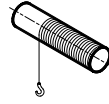
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Göv. Rad.Yük Çıkış	Ağırlık	Ölçü		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø260	11,1	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	187	371		
	13,6	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	197			
	15,4	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	197			
	17,3	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	207			
	20,5	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	207			
	23,0	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	207			
	28,2	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	267			
	31,9	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	267			
	35,9	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	287			
	42,4	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	287			
	9,9	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	290		372	
	11,7	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	300			
	13,6	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	300			
	15,6	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	300			
	17,9	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	310			
	20,4	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	310			
	Ø270	7,5	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212		177	371
		8,6	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061		177	
		9,7	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221		184	
11,5		M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184			
14,1		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
15,9		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194			
17,9		M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204			
21,3		M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204			
23,9		M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261			
29,2		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261			
33,1		M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261			
37,3		M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281			
44,0		M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281			
9,1		M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372		
10,3		M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282			
12,1		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
14,1		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292			
16,3		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292			
18,6		M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
21,2	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302				
Ø280	7,8	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177		371	
	8,9	M7 (4m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	72265	177			
	10,1	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184			
	12,0	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	184			
	14,6	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
	16,5	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194			
	18,6	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204			
	22,1	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204			
	24,8	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261			
	30,3	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261			
	34,3	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281			
	38,6	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281			
	45,7	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	281			
	7,9	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275	372		
	9,5	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282			
	10,6	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282			
	12,6	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
	14,6	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292			
	16,9	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
19,3	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302				
22,0	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302				

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

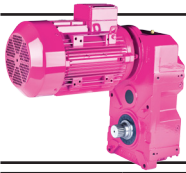
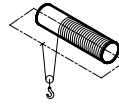
**2 t****1 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø290	8,1	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	9,2	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	10,4	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	12,4	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194		
	15,1	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194		
	17,1	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	19,3	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	22,9	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	204		
	25,7	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
	31,4	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261		
	35,6	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	40,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	47,3	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311		
	6,2	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272		372
	7,0	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	8,2	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	9,8	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	11,0	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282		
	13,0	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	15,1	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
17,5	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
20,0	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
22,8	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	302			
Ø300	8,3	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	9,5	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	10,8	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	12,8	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194		
	15,6	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194		
	17,7	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	19,9	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	23,6	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261		
	26,6	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
	32,5	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261		
	36,8	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	41,4	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	48,9	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311		
	6,4	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272		372
	7,2	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	8,4	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	10,2	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	11,4	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282		
	13,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	15,7	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
18,1	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
20,7	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
23,6	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

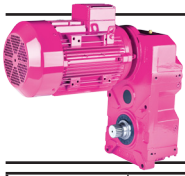
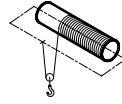
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	2,8	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	3,2	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	
	3,8	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	4,0	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	4,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	5,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	6,3	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	7,1	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	8,2	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	9,4	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	114	
	11,4	M8 (5m)	4,0	43	852	34,28	VR473.1K-3E112M/4D	48808	114	
	13,7	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	11,6	M8 (5m)	4,0	44	832	33,46	VR573.1K-3E112M/4D	80454	184	371
	13,8	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194	
Ø180	3,0	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	3,4	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	4,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	4,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	5,1	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	5,8	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	6,6	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	7,5	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	8,7	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	9,9	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	114	
	12,0	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	114	
	14,5	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	11,0	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	371
	12,3	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194	
14,6	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø190	3,1	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	3,6	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	4,3	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	4,5	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	5,3	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	6,1	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	7,0	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	8,0	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	9,1	M8 (5m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	47728	114	
	10,5	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	12,7	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	15,3	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	10,2	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184	371
	11,6	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	
13,0	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
15,4	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø200	3,3	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	3,7	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	4,5	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	4,7	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	5,6	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	6,4	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

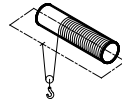
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø200	7,4	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	370		
	8,4	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107			
	9,6	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114			
	11,0	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114			
	13,4	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124			
	16,1	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124			
	8,8	M8 (5m)	3,0	28	971	51,97	VR573.1K-3E100L/4D	78210	177		371	
	10,8	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184			
	12,2	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
	13,7	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194			
	16,2	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194			
	16,2	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194			
	Ø210	3,5	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107		101	370
		3,9	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393		101	
4,7		M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105			
5,0		M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105			
5,9		M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105			
6,8		M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	107			
7,7		M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107			
8,8		M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107			
10,1		M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114			
11,6		M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114			
14,0		M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124			
16,9		M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134			
6,9		M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	371		
8,2		M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177			
9,2		M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184			
11,3		M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184			
12,8		M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
14,4		M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194			
17,0		M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204			
17,0	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204				
Ø220	3,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370		
	4,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101			
	4,9	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105			
	5,2	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105			
	6,2	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105			
	7,1	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107			
	8,1	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107			
	9,2	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114			
	10,6	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114			
	12,2	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124			
	14,7	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124			
	17,7	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134			
	7,3	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	73543	177		371	
	8,6	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	75138	177			
	9,6	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	75648	184			
	11,8	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	76822	184			
	13,4	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	76931	194			
	15,1	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	78149	194			
	17,8	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	77985	204			
	17,8	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	77985	204			
Ø230	3,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370		
	4,3	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101			
	5,2	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105			
	5,5	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

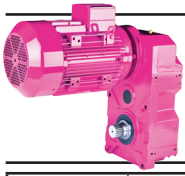
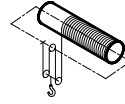
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	6,5	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105	370
	7,4	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	8,5	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	9,6	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	11,1	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	12,7	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124	
	15,4	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	18,5	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
	6,0	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	6,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	7,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	9,0	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	177	
	10,1	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	12,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	14,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
	15,8	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194	
	18,6	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204	
	Ø240	3,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101
4,5		M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105	
5,4		M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
5,7		M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
6,7		M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
7,7		M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
8,8		M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
10,1		M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
11,5		M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
13,3		M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
16,0		M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
19,3		M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
5,1		M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371
6,2		M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	
7,0		M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
7,9		M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
9,4		M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
10,5		M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
12,9	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
14,6	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
16,4	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
19,4	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

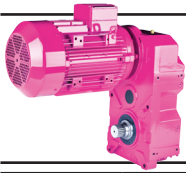
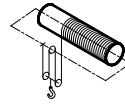
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø100	0,8	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368	
	0,9	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35		
	1,0	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35		
	1,2	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	1,4	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38		
	1,6	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	1,9	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40		
	2,3	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45		
	2,7	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45		
	3,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	3,8	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49		
4,5	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55			
Ø110	0,9	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368	
	1,0	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38		
	1,1	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38		
	1,3	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	1,5	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38		
	1,7	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	2,1	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40		
	2,5	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45		
	3,0	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45		
	3,4	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	4,1	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49		
4,9	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55			
Ø120	1,0	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368	
	1,1	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38		
	1,2	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38		
	1,4	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	1,6	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40		
	1,9	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	2,3	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45		
	2,7	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45		
	3,2	M8 (5m)	1,2	34	312	42,22	VR273.1K-3E90S/4C	17150	45		
	3,8	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	4,5	M8 (5m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	14986	55		
5,4	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55			
Ø130	1,1	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496	38	368	
	1,2	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38		
	1,3	M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	22975	38		
	1,5	M7 (4m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	27195	40		
	1,8	M7 (4m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	26224	40		
	2,0	M7 (4m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	25324	40		
	2,5	M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45		
	2,9	M7 (4m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	22478	45		
	3,5	M6 (3m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	26150	49		
	4,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	4,9	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55		
	5,8	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
	1,2	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60		369
	1,4	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60		
	1,6	M8 (5m)	0,55	15	319	94,32	VR373.1K-3E80M/4C	21182	60		
	1,9	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61		
	2,2	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64		
2,6	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64			
2,8	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64			
3,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66			
4,2	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66			
4,6	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
5,4	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

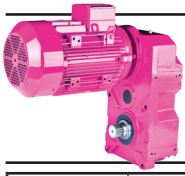
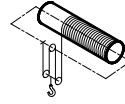
**2 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø130	6,3	M8 (5m)	2,2	61	324	23,58	VR373.1K-3E100L/4C	13592	70	369		
Ø140	1,1	M6 (3m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	37839	38	368		
	1,3	M6 (3m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	36490	38			
	1,4	M6 (3m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	35864	38			
	1,7	M6 (3m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	33736	40			
	1,9	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40			
	2,2	M6 (3m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	30705	45			
	2,6	M6 (3m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	29232	45			
	3,2	M5 (2m)	1,5	29	464	50,36	VR273.1K-3E90L/4D	34127	49			
	3,8	M5 (2m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	32573	49			
	4,4	M7 (4m)	2,2	40	495	36,38	VR273.1K-3E100L/4C	19615	55			
	5,3	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55			
	6,3	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55			
	Ø150	1,3	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710		60	369
		1,5	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885		60	
		1,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798		61	
		2,0	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898		61	
		2,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590		64	
		2,8	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892		64	
		3,0	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448		64	
		3,8	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088		66	
4,5		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70			
5,0		M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
5,8		M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70			
6,8		M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73			
Ø160		1,2	M5 (2m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	47034	38	368	
	1,4	M5 (2m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	45319	38			
	1,5	M5 (2m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	44525	38			
	1,8	M5 (2m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	41959	40			
	2,0	M5 (2m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	40377	40			
	2,3	M5 (2m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	38277	45			
	2,8	M4 (1Am)	1,1	24	406	60,39	VR273.1K-3E90S/4C	45192	45			
	3,4	M4 (1Am)	1,5	29	464	50,36	VR273.1K-3E90L/4D	42467	49			
	4,0	M4 (1Am)	1,5	34	390	42,22	VR273.1K-3E90L/4D	40483	49			
	Ø160	1,4	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60		369
		1,6	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61		
		1,8	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61		
		2,2	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61		
		2,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64		
		3,0	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64		
		3,3	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66		
		4,1	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66		
4,8		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70			
5,3		M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
Ø160	6,2	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	369		
	7,2	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73			
	1,5	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60			
	1,7	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61			
	1,9	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61			
	2,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64			
	2,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64			
	3,2	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64			
	3,5	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66			
	4,4	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	16088	66			
5,1	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70				
5,7	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70				
6,6	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73				

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

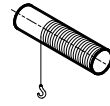
**2 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø160	7,7	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	369
Ø170	1,6	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	61	369
	1,8	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	2,1	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	2,4	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,9	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	3,3	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	3,7	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	4,7	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	5,5	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	6,0	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	7,0	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	8,2	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	
Ø180	1,7	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	61	369
	1,9	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	2,2	M8 (5m)	0,75	15	637	94,32	VR373.1K-3E90S/4C	20798	61	
	2,6	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	3,0	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	3,5	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	3,9	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	4,9	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	5,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	6,4	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	7,4	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	8,7	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

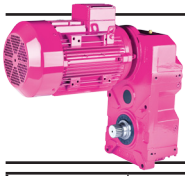
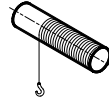
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø270	8,6	M7 (4m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	70753	184	371	
	9,8	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	11,5	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	14,1	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	16,0	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204		
	18,0	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204		
	21,4	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	24,0	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	29,2	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	33,1	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	37,4	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	44,2	M4 (1Am)	18,5	52	3228	28,30	VR573.1K-3E180M/4C	93054	311		
	Ø280	5,8	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
		6,5	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
		7,7	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
		9,2	M8 (5m)	4,0	11	3296	134,51	VR673.1K-3E112M/4D	104667	282	
		10,3	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
		12,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
		14,2	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
		16,3	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302	
18,7		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
21,3		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø280		9,0	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
		10,1	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
		12,0	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	14,7	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	16,6	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204		
	18,7	M5 (2m)	11	21	4662	69,00	VR573.1K-3E160M/4C	89119	261		
	22,1	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	24,9	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	30,3	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	34,3	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281		
	38,8	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	45,8	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	311		
	Ø290	6,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
6,7		M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
7,9		M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282		
9,5		M8 (5m)	4,0	11	3296	134,51	VR673.1K-3E112M/4D	104667	282		
10,7		M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292		
12,6		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
14,7		M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302		
16,9		M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302		
19,4		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
22,1		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290		9,3	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
		10,5	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
		12,4	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	15,2	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	17,2	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204		
	19,3	M5 (2m)	11	21	4662	69,00	VR573.1K-3E160M/4C	89119	261		
	22,9	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	25,8	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	31,4	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	35,6	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281		
	40,1	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	47,5	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

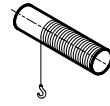
**2,5 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø290	6,2	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	7,0	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	8,2	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	9,9	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	11,1	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	13,0	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	15,2	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	17,5	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302	
	20,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	22,9	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359	
Ø300	9,6	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	184	371
	10,8	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	12,8	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	15,7	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	17,8	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204	
	20,0	M5 (2m)	11	21	4662	69,00	VR573.1K-3E160M/4C	89119	261	
	23,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	26,6	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261	
	32,5	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	36,8	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	281	
	41,5	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	49,1	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	
	6,4	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	7,2	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	8,5	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	10,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	11,5	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	13,5	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	15,7	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	18,1	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	302	
20,8	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
23,7	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø310	9,9	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	11,2	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	13,3	M6 (3m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	81646	194	
	16,2	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	18,4	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	20,7	M5 (2m)	11	21	4662	69,00	VR573.1K-3E160M/4C	89119	261	
	24,5	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	27,5	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	33,6	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	38,0	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	42,9	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	50,7	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	
	6,6	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	7,4	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	8,8	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	10,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	11,9	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	13,9	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	16,2	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	18,7	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
21,5	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
24,4	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

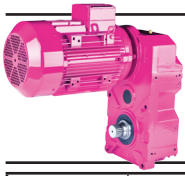
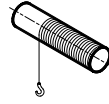
**2,5 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	10,2	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	11,6	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	13,7	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	16,7	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	19,0	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	21,3	M5 (2m)	11	21	4662	69,00	VR573.1K-3E160M/4C	89119	261	
	25,3	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	28,4	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	34,7	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	6,8	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	7,7	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	9,1	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	10,9	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	12,2	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	14,4	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	16,8	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	19,3	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	22,2	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	25,2	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359	
Ø330	10,6	M6 (3m)	5,5	9,8	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	11,9	M6 (3m)	5,5	11	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	14,1	M5 (2m)	7,5	13	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	17,3	M5 (2m)	7,5	16	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	19,6	M5 (2m)	11	18	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	22,0	M5 (2m)	11	20	4662	69,00	VR573.1K-3E160M/4C	89119	261	
	26,1	M4 (1Am)	11	24	3938	58,36	VR573.1K-3E160M/4C	96061	261	
	29,3	M4 (1Am)	15	27	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	35,7	M4 (1Am)	15	33	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	7,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	7,9	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	9,4	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	11,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	12,6	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	14,8	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	17,3	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	19,9	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	22,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	26,0	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359	
Ø340	10,9	M6 (3m)	5,5	9,8	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	12,3	M5 (2m)	5,5	11	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	14,5	M5 (2m)	7,5	13	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	17,8	M5 (2m)	7,5	16	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	20,1	M5 (2m)	11	18	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	22,7	M5 (2m)	11	20	4662	69,00	VR573.1K-3E160M/4C	89119	261	
	26,9	M4 (1Am)	11	24	5371	58,36	VR573.1K-3E160L/4D	93738	261	
	30,2	M4 (1Am)	15	27	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	36,8	M4 (1Am)	15	33	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	7,3	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	8,2	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	9,6	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	282	
	11,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	13,0	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	15,3	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	17,8	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	20,5	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

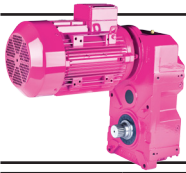
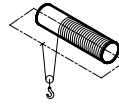
**2,5 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs- drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs- drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qam} [N]	Gewicht ~ [kg]	Maße Seite
Ø340	23,6	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	372
	26,8	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

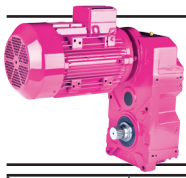
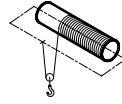
**2,5 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	2,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	3,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	3,8	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	4,0	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	4,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	5,5	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	107	
	6,3	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	7,1	M7 (4m)	4,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107	
	8,2	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114	
	9,4	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	11,4	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	13,7	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	5,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	371
	6,6	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177	
7,5	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
9,1	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
10,4	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
11,6	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
13,8	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø180	3,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	3,4	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	4,0	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	4,3	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	5,1	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105	
	5,8	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	6,6	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	7,5	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	8,7	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114	
	9,9	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124	
	12,0	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	14,6	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	4,7	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	5,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
5,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
7,0	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177		
7,9	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
9,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	184		
11,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
12,3	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
14,6	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø190	3,1	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	3,6	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	101	
	4,3	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	4,5	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	5,3	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	6,1	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	7,0	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	8,0	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	9,2	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114	
	10,5	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	12,7	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	15,4	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	4,9	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	5,6	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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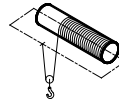
Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	6,3	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	371	
	7,4	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
	8,4	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
	10,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
	11,6	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	13,0	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
	15,4	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
	Ø200	3,3	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107		101
3,7		M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105		
4,5		M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
4,7		M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
5,6		M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
6,4		M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
7,4		M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114		
8,4		M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114		
9,7		M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
11,0		M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
13,4		M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
16,2		M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134		
5,2		M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371	
5,9		M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
6,6		M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
7,8		M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
8,8		M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
10,8		M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
12,2	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
13,7	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
16,3	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204			
Ø210	3,5	M7 (4m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	47684	101		370
	3,9	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	4,7	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	5,0	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
	5,9	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	6,8	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
	7,7	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	8,8	M6 (3m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	51793	114		
	10,2	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	11,6	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	14,0	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
	17,0	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134		
	2,9	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371	
	3,3	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170		
	3,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	4,5	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	5,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	6,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	6,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
	8,2	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
9,3	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184			
11,3	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
12,8	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
14,4	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
17,1	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204			
Ø220	3,6	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105		370
	4,1	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



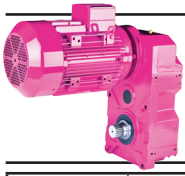
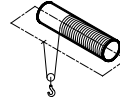
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø220	4,9	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	370	
	5,2	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	105		
	6,2	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	7,1	M6 (3m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	52109	107		
	8,1	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	9,2	M6 (3m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	51793	114		
	10,6	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	12,2	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	14,7	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	17,8	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134		
	Ø230	3,1	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
		3,5	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170	
		3,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
		4,7	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
		5,7	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
		6,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
		7,3	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
		8,6	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
		9,7	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
		11,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
13,4		M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204		
15,1		M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
17,9		M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø230		3,8	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
		4,3	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	5,2	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	5,5	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107		
	6,5	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107		
	7,4	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	8,5	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	9,6	M6 (3m)	5,5	27	1857	54,35	VR473.1K-3E132S/4C	50357	124		
	11,1	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	12,7	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	15,4	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	Ø240	3,2	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
		3,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
		4,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
		4,9	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
		6,0	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
		6,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
		7,6	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
		9,0	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
		10,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
12,4		M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
14,0		M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204		
15,8		M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
18,7		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		
Ø240		3,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
		4,5	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	5,4	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107		
	5,7	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107		
	6,7	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107		
	7,7	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	8,8	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	10,1	M6 (3m)	5,5	27	1857	54,35	VR473.1K-3E132S/4C	50357	124		
	11,6	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

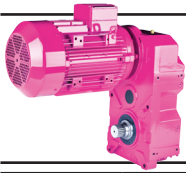
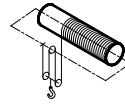
**2,5 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø240	13,3	M5 (2m)	7,5	35	1929	41,50	VR473.1K-3E132M/4D	52214	124	370
	16,0	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134	
	3,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	371
	4,3	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	5,1	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	6,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	7,0	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	7,9	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
	9,4	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	10,6	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	12,9	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	14,6	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	
	16,4	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204	
	19,5	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankkomponenten sondern nur für Getriebe.

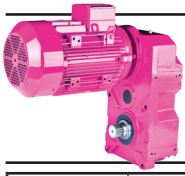
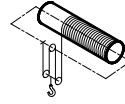
**2,5 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø100	0,8	M8 (5m)	0,55	11	455	137,94	VR273.1K-3E80M/4C	24433	38	368	
	0,9	M8 (5m)	0,55	12	399	120,49	VR273.1K-3E80M/4C	23616	38		
	1,0	M8 (5m)	0,55	13	375	113,02	VR273.1K-3E80M/4C	23234	38		
	1,2	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	1,4	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40		
	1,6	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	1,9	M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45		
	2,3	M7 (4m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	22478	45		
	2,7	M7 (4m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	21040	49		
	3,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	3,8	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55		
4,5	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55			
Ø110	0,9	M7 (4m)	0,55	11	455	137,94	VR273.1K-3E80M/4C	30444	38	368	
	1,0	M7 (4m)	0,55	12	399	120,49	VR273.1K-3E80M/4C	29387	38		
	1,1	M7 (4m)	0,55	13	375	113,02	VR273.1K-3E80M/4C	28896	38		
	1,3	M6 (3m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	33736	40		
	1,5	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40		
	1,7	M6 (3m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	30705	45		
	2,1	M6 (3m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	29232	45		
	2,5	M6 (3m)	1,5	29	464	50,36	VR273.1K-3E90L/4D	27354	49		
	3,0	M6 (3m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	26150	49		
	3,4	M7 (4m)	2,2	40	495	36,38	VR273.1K-3E100L/4C	19615	55		
	4,1	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55		
	4,9	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
	1,0	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60		369
	1,2	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60		
	1,3	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61		
	1,6	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61		
	1,9	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64		
	2,2	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64		
2,4	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64			
3,0	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66			
3,5	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66			
3,9	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
4,5	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70			
5,3	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73			
Ø120	1,0	M5 (2m)	0,55	12	455	137,94	VR273.1K-3E80M/4C	46901	38	368	
	1,1	M5 (2m)	0,55	14	399	120,49	VR273.1K-3E80M/4C	45190	38		
	1,2	M5 (2m)	0,55	15	375	113,02	VR273.1K-3E80M/4C	44397	38		
	1,4	M5 (2m)	0,75	18	436	96,09	VR273.1K-3E80M/4D	41959	40		
	1,6	M5 (2m)	0,75	21	380	83,46	VR273.1K-3E80M/4D	40377	40		
	1,9	M5 (2m)	1,1	25	489	73,03	VR273.1K-3E90S/4C	38277	45		
	2,3	M4 (1Am)	1,1	28	406	60,39	VR273.1K-3E90S/4C	45192	45		
	2,7	M4 (1Am)	1,2	35	371	50,36	VR273.1K-3E90S/4C	42850	45		
	3,2	M4 (1Am)	1,5	41	390	42,22	VR273.1K-3E90L/4D	40483	49		
	3,8	M7 (4m)	2,2	45	495	36,38	VR273.1K-3E100L/4C	19615	55		
	4,5	M7 (4m)	2,2	53	414	30,34	VR273.1K-3E100L/4C	18801	55		
	5,4	M6 (3m)	3,0	61	475	25,44	VR273.1K-3E100L/4D	21883	59		
	1,1	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60		369
	1,3	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61		
	1,4	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61		
	1,7	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61		
	2,0	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64		
	2,4	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64		
	2,6	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66		
3,3	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66			
3,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70			
4,3	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
5,0	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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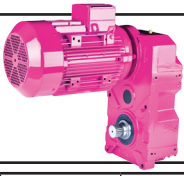
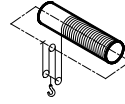
**2,5 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø120	5,8	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	369
Ø130	1,2	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	1,4	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,6	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,2	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	2,6	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	2,8	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	3,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	4,2	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	4,6	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	5,4	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	6,3	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	
Ø140	1,3	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,5	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	2,0	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	2,8	M8 (5m)	1,5	25	377	57,79	VR373.1K-3E90L/4D	17419	66	
	3,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	3,8	M8 (5m)	2,2	35	386	41,42	VR373.1K-3E100L/4C	15491	70	
	4,5	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	5,0	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	5,8	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	6,8	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	
Ø150	1,4	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,6	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	2,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	3,0	M8 (5m)	1,5	25	377	57,79	VR373.1K-3E90L/4D	17419	66	
	3,3	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	4,1	M8 (5m)	2,2	35	386	41,42	VR373.1K-3E100L/4C	15491	70	
	4,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	5,3	M8 (5m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	14100	73	
	6,2	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	7,2	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
Ø160	1,5	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,7	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	2,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,7	M8 (5m)	1,5	21	458	67,45	VR373.1K-3E90L/4D	18038	66	
	3,2	M8 (5m)	1,5	25	377	57,79	VR373.1K-3E90L/4D	17419	66	
	3,5	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	4,4	M8 (5m)	2,2	35	386	41,42	VR373.1K-3E100L/4C	15491	70	
	5,1	M7 (4m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	18757	70	
	5,7	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	6,6	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	7,7	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
Ø170	1,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	2,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	2,4	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	2,9	M8 (5m)	1,5	21	458	67,45	VR373.1K-3E90L/4D	18038	66	
	3,3	M8 (5m)	1,5	25	377	57,79	VR373.1K-3E90L/4D	17419	66	
	3,7	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	70	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

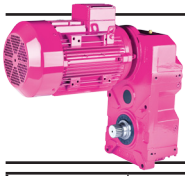
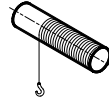
**2,5 t****4 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø170	4,7	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	369
	5,5	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	6,0	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	7,0	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	8,2	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77	
Ø180	1,7	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,9	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	2,2	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	2,6	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66	
	3,0	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	3,5	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	3,9	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	4,9	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	5,8	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	6,4	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	7,4	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
	8,7	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

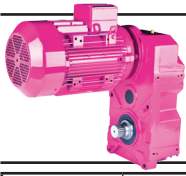
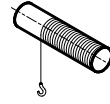
**3,2 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds Abtriebsdrehzahlen	IE3 Çıkış Momenti Output Torque Abtriebsdrehmomente	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø270	8,6	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371	
	9,8	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194		
	11,6	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204		
	14,2	M5 (2m)	11	17	5900	87,90	VR573.1K-3E160M/4C	88253	204		
	16,1	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261		
	18,1	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261		
	21,4	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281		
	24,0	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281		
	29,3	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311		
	33,2	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311		
	5,8	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282		372
	6,5	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
	7,7	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	9,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
	10,4	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	292		
	12,2	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
	14,2	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	302		
	16,4	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
	18,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
	21,3	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø280	9,0	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371	
	10,1	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194		
	12,0	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204		
	14,7	M5 (2m)	11	17	5900	87,90	VR573.1K-3E160M/4C	88253	261		
	16,6	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261		
	18,7	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261		
	22,1	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281		
	24,9	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281		
	30,4	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311		
	6,0	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282		372
	6,8	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
	7,9	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	9,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
	10,7	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
	12,6	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
	14,7	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	17,0	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
	19,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
	22,1	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
	Ø290	6,2	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040		282
7,0		M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
8,2		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
9,9		M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
11,1		M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
13,1		M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
15,3		M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
17,6		M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
20,1		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
22,9		M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø300	6,5	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372	
	7,3	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
	8,5	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	10,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
	11,5	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
	13,5	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
	15,8	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	18,2	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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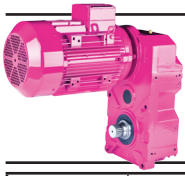
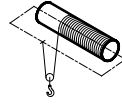
**3,2 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	20,8	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	359	372
	23,7	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
Ø320	6,9	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	7,7	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	9,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	10,9	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	12,3	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	14,4	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	16,8	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	19,4	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	22,2	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379	
	25,2	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
Ø340	7,3	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	8,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	9,6	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	11,6	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	13,0	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	15,3	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	17,9	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	20,6	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	23,6	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379	
	26,8	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379	
Ø360	7,7	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	8,7	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	10,2	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	12,3	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	13,8	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	16,2	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	18,9	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	21,8	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	25,0	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	28,4	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	379	
Ø380	8,2	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	9,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	10,8	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	13,0	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	14,6	M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359	
	17,1	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	20,0	M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359	
	23,0	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	26,3	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	30,0	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

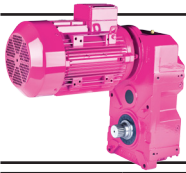
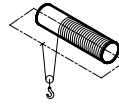
**3,2 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	2,8	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	3,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	3,8	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	4,0	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	4,8	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	5,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	6,3	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	7,2	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114	
	8,2	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	9,4	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	11,4	M6 (3m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	50654	134	
	13,7	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134	
	2,4	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	2,7	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170	
	3,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	3,6	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	4,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	5,0	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	5,6	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	177	
	6,7	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
7,5	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	184		
9,1	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
10,4	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	194		
11,7	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
13,8	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø180	3,0	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	3,4	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	4,0	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	4,3	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	
	5,1	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	5,8	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	6,7	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	7,6	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	8,7	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	9,9	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	12,1	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	14,6	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	191	
	2,5	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	2,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	3,2	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	3,8	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	4,7	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	5,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	6,0	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	7,1	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
7,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
9,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
11,0	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
12,4	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
14,6	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		
Ø190	3,1	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	3,6	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	4,3	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107	
	4,5	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107	
	5,3	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	6,1	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

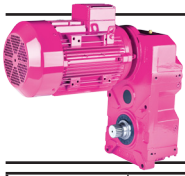
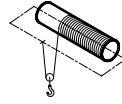
**3,2 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø190	7,0	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	370
	8,0	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	9,2	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	10,5	M5 (2m)	7,5	35	1929	41,50	VR473.1K-3E132M/4D	52214	134	
	12,7	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	15,4	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	191	
	2,6	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	3,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	3,4	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	4,0	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	4,9	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	5,6	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	177	
	6,3	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	7,5	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	184	
	8,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	10,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	11,6	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
13,1	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
15,4	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		
Ø200	3,3	M4 (1Am)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	62680	105	370
	2,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	170	371
	3,2	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	3,6	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	4,2	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	5,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	5,9	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	6,6	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	7,9	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	8,8	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	10,8	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	12,2	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	13,8	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204	
	16,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø210	2,9	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	3,3	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	3,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	4,5	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	5,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	6,2	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	7,0	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	8,2	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	9,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	11,3	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	12,8	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	14,4	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	17,1	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø220	3,1	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	3,5	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	3,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	4,7	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	5,7	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	6,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	7,3	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	8,6	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	9,7	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	11,8	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	13,4	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

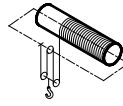
**3,2 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø220	15,1	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	371
	17,9	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø230	3,2	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	3,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	4,1	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	4,9	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	6,0	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	6,7	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	7,6	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	9,0	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	10,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	12,4	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	14,1	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	204	
	15,8	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	18,7	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
	Ø240	3,3	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	
3,8		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
4,3		M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
5,1		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
6,2		M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
7,0		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
8,0		M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
9,4		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
10,6		M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
12,9		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
14,7		M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
16,5		M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
19,5		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

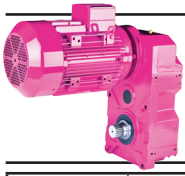
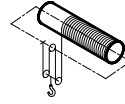
**3,2 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	1,2	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369	
	1,4	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	1,6	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	1,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64		
	2,2	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66		
	2,6	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66		
	2,8	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	70		
	3,6	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70		
	4,2	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	4,6	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73		
	5,4	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73		
	6,3	M7 (4m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	16040	77		
		3,1	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105	370
		3,6	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	105	
	4,3	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107		
	5,2	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø140	1,3	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369	
	1,5	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	1,7	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	2,0	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66		
	2,4	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66		
	2,8	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
	3,0	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	3,8	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70		
	4,5	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	5,0	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73		
	5,8	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	77		
	6,8	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	77		
		2,6	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	370
		2,9	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
	3,4	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105		
	3,8	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	105		
	4,6	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107		
	5,6	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø150	1,4	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369	
	1,6	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	1,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	2,2	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66		
	2,5	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66		
	3,0	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
	3,3	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	4,1	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73		
	4,8	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	5,3	M6 (3m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	22235	73		
	6,2	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77		
	7,3	M6 (3m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	20096	77		
		2,4	M8 (5m)	2,2	23	844	70,59	VR473.1K-3E100L/4C	48265	105	370
		2,8	M8 (5m)	2,2	27	743	61,85	VR473.1K-3E100L/4C	48786	105	
	3,1	M8 (5m)	2,2	31	649	54,35	VR473.1K-3E100L/4C	49234	105		
	3,6	M8 (5m)	3,0	35	777	47,37	VR473.1K-3E100L/4D	49048	105		
	4,1	M8 (5m)	3,0	42	643	41,50	VR473.1K-3E100L/4D	49419	107		
	5,0	M8 (5m)	4,0	51	708	34,28	VR473.1K-3E112M/4D	49221	107		
	6,0	M8 (5m)	4,0	49	739	28,45	VR473.1K-112M/4-L05	49247	114		
Ø160	1,5	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369	
	1,7	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

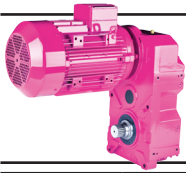
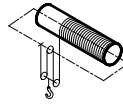
**3,2 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø160	1,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	369
	2,3	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	2,7	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	22632	66	
	3,2	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	3,5	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	4,4	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73	
	5,1	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73	
	5,7	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	6,6	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
	7,8	M6 (3m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	19369	87	
	2,2	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	370
	2,6	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	2,9	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	3,4	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
	3,8	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105	
	4,4	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107	
	5,3	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107	
	6,4	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114	
Ø170	1,6	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	2,1	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	2,4	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	2,9	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	3,3	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	3,7	M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	70	
	4,7	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	5,5	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73	
	6,0	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	7,0	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
	8,3	M5 (2m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	24468	87	
	2,0	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	370
	2,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	2,7	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,1	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	3,6	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
	4,1	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
4,7	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
5,6	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
6,8	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø180	1,7	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,9	M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	64	
	2,2	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	2,6	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	3,0	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	3,5	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	70	
	3,9	M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	70	
	4,9	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	5,8	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	77	
	6,4	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	2,0	M8 (5m)	1,1	14	687	101,48	VR473.1K-3E90S/4C	46039	99	370
	2,1	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	2,5	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	2,9	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,3	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	3,8	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

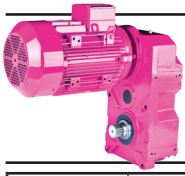
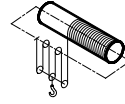
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø180	4,3	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	370
	4,9	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107	
	6,0	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114	
	7,3	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114	
Ø190	1,8	M7 (4m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	26779	64	369
	2,0	M7 (4m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	25100	66	
	2,3	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	2,7	M6 (3m)	2,2	18	733	79,34	VR373.1K-3E90L/4D	29358	66	
	3,2	M6 (3m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	27239	70	
	3,7	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	70	
	4,1	M6 (3m)	3,0	28	972	52,30	VR373.1K-3E100L/4D	24827	73	
	5,2	M5 (2m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	29640	73	
	6,1	M5 (2m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	27810	77	
	6,7	M5 (2m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	27177	77	
	1,6	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,8	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	
	2,1	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	2,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	2,7	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	3,1	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,5	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	4,0	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
4,6	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
5,2	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
6,3	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
7,7	M8 (5m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	48468	124		
Ø200	1,9	M6 (3m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	33431	64	369
	2,1	M5 (2m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	39534	66	
	2,4	M5 (2m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	38350	66	
	2,9	M5 (2m)	2,2	18	1075	79,34	VR373.1K-3E100L/4C	35580	70	
	3,4	M5 (2m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	34244	70	
	3,9	M4 (1Am)	2,2	25	787	57,79	VR373.1K-3E100L/4C	41217	70	
	4,4	M4 (1Am)	3,0	28	972	52,30	VR373.1K-3E100L/4D	39309	73	
	5,5	M4 (1Am)	3,0	35	773	41,42	VR373.1K-3E100L/4D	37091	73	
	6,4	M4 (1Am)	4,0	41	885	35,49	VR373.1K-3E112M/4D	34923	77	
	7,1	M4 (1Am)	4,0	45	802	32,11	VR373.1K-3E112M/4D	34080	77	
	1,6	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,9	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	
	2,2	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	2,4	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	2,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	3,2	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,7	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	4,2	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
4,8	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
5,5	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
6,6	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
8,1	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

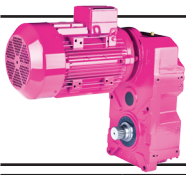
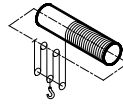
**3,2 t****6 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø100	0,5	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368	
	0,6	M8 (5m)	0,37	12	271	120,49	VR273.1K-3E71M/4D	24222	35		
	0,7	M8 (5m)	0,37	13	255	113,02	VR273.1K-3E71M/4D	23807	35		
	0,8	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	0,9	M8 (5m)	0,55	17	279	83,46	VR273.1K-3E80M/4C	21474	38		
	1,0	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	1,3	M8 (5m)	0,75	24	277	60,39	VR273.1K-3E80M/4D	19386	40		
	1,5	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45		
	1,8	M8 (5m)	1,1	34	286	42,22	VR273.1K-3E90S/4C	17257	45		
	2,1	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	2,5	M8 (5m)	1,5	48	282	30,34	VR273.1K-3E90L/4D	15530	49		
3,0	M8 (5m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	14399	55			
Ø110	0,6	M8 (5m)	0,37	10	309	137,94	VR273.1K-3E71M/4D	25116	35	368	
	0,7	M8 (5m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	23678	38		
	0,7	M8 (5m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	23296	38		
	0,9	M8 (5m)	0,55	15	320	96,09	VR273.1K-3E80M/4C	22283	38		
	1,0	M8 (5m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	21056	40		
	1,1	M8 (5m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	20358	40		
	1,4	M8 (5m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	18852	45		
	1,7	M8 (5m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	18036	45		
	2,0	M8 (5m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	16828	49		
	2,3	M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
	2,8	M8 (5m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	14986	55		
	3,3	M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
	Ø120	0,7	M8 (5m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	24496		38
0,7		M7 (4m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	29467	38		
0,8		M7 (4m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	28975	38		
0,9		M7 (4m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	27195	40		
1,1		M7 (4m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	26224	40		
1,2		M7 (4m)	0,75	20	334	73,03	VR273.1K-3E80M/4D	25324	40		
1,5		M7 (4m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	23543	45		
1,8		M6 (3m)	1,1	29	340	50,36	VR273.1K-3E90S/4C	27865	45		
2,2		M6 (3m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	26150	49		
2,5		M8 (5m)	1,5	40	338	36,38	VR273.1K-3E90L/4D	16237	49		
3,0		M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55		
3,6		M7 (4m)	2,2	57	348	25,44	VR273.1K-3E100L/4C	18017	55		
0,7		M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369	
0,9		M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60		
1,0		M8 (5m)	0,55	15	319	94,32	VR373.1K-3E80M/4C	21182	60		
1,1		M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61		
1,4		M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64		
1,6		M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64		
1,7		M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64		
2,2	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66			
2,6	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66			
2,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70			
3,3	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70			
3,9	M8 (5m)	2,2	61	324	23,58	VR373.1K-3E100L/4C	13592	70			
Ø130	0,7	M6 (3m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	37839	38	368	
	0,8	M6 (3m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	36490	38		
	0,9	M6 (3m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	35864	38		
	1,0	M6 (3m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	33736	40		
	1,2	M6 (3m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	32494	40		
	1,4	M6 (3m)	1,1	20	489	73,03	VR273.1K-3E90S/4C	30705	45		
	1,6	M5 (2m)	1,1	24	406	60,39	VR273.1K-3E90S/4C	36385	45		
	2,0	M5 (2m)	1,5	29	464	50,36	VR273.1K-3E90L/4D	34127	49		
	2,3	M5 (2m)	1,5	34	390	42,22	VR273.1K-3E90L/4D	32573	49		
	2,7	M7 (4m)	2,2	40	495	36,38	VR273.1K-3E100L/4C	19615	55		
	3,3	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

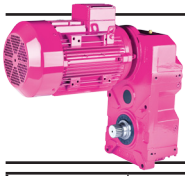
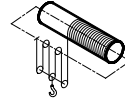
**3,2 t****6 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø130	3,9	M7 (4m)	3,0	57	475	25,44	VR273.1K-3E100L/4D	17494	59	368
	0,8	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	0,9	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	1,0	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,2	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	1,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,7	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,9	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	2,4	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	2,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,6	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
4,2	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73		
Ø140	0,8	M5 (2m)	0,55	10	459	137,94	VR273.1K-3E80M/4C	47034	38	368
	0,9	M5 (2m)	0,55	12	403	120,49	VR273.1K-3E80M/4C	45319	38	
	0,9	M5 (2m)	0,55	13	379	113,02	VR273.1K-3E80M/4C	44525	38	
	1,1	M5 (2m)	0,75	15	436	96,09	VR273.1K-3E80M/4D	41959	40	
	1,3	M5 (2m)	0,75	17	380	83,46	VR273.1K-3E80M/4D	40377	40	
	1,5	M4 (1Am)	1,1	20	489	73,03	VR273.1K-3E90S/4C	47602	45	
	1,8	M4 (1Am)	1,1	24	406	60,39	VR273.1K-3E90S/4C	45192	45	
	2,1	M4 (1Am)	1,5	29	464	50,36	VR273.1K-3E90L/4D	42467	49	
	2,5	M4 (1Am)	1,5	34	390	42,22	VR273.1K-3E90L/4D	40483	49	
	2,9	M7 (4m)	2,2	40	495	36,38	VR273.1K-3E100L/4C	19615	55	
	3,5	M7 (4m)	2,2	48	414	30,34	VR273.1K-3E100L/4C	18801	55	
	4,2	M6 (3m)	3,0	57	475	25,44	VR273.1K-3E100L/4D	21883	59	
	0,9	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	1,0	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,1	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,6	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,8	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	2,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	3,0	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
3,3	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70		
3,9	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70		
4,5	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73		
Ø150	0,9	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	1,1	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,2	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,4	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,7	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	2,0	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,2	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,7	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	3,2	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,5	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
4,1	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73		
4,8	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73		
Ø160	1,0	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,1	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,3	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,5	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,8	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	2,1	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,3	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
2,9	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

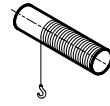
**3,2 t****6 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø160	3,4	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	369
	3,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	4,4	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	5,1	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	
Ø170	1,1	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,2	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,4	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,6	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,9	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	2,2	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,5	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	3,1	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	3,6	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	4,0	M8 (5m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	14100	73	
	4,7	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	5,5	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
	Ø180	1,1	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	
1,3		M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
1,4		M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
1,7		M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
2,0		M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
2,4		M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
2,6		M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
3,3		M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
3,8		M7 (4m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	18757	70	
4,3		M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
5,0		M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
5,8	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

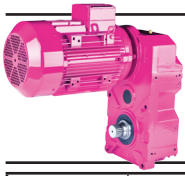
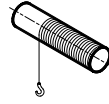
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø280	6,0	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	6,8	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	7,9	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	9,6	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	10,7	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4C	104981	302	
	12,7	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359	
	14,7	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	17,0	M8 (5m)	15	19	6989	76,17	VR673.1K-3E160L/4D	108017	379	
	19,4	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	22,1	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379	
	19,0	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	19,7	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	22,8	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	500	
	26,2	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529	
Ø300	6,5	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	7,3	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	8,5	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	10,3	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	11,5	M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359	
	13,6	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359	
	15,8	M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359	
	18,2	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	20,8	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	23,7	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408	
	14,2	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	16,1	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	18,2	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	20,4	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
21,1	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
24,5	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
28,1	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	529		
Ø320	6,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	7,7	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	9,1	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	10,9	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	12,3	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359	
	14,5	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	16,8	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379	
	19,4	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	22,2	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	25,2	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408	
	11,4	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	13,2	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	15,1	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	17,2	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
19,4	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
21,7	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
22,5	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
26,1	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
30,0	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539		
Ø340	7,3	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	8,2	M8 (5m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	89848	292	
	9,6	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	11,6	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	13,0	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

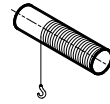
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø340	15,4	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	372		
	17,9	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
	20,6	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	23,6	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
	26,8	M6 (3m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	124887	408			
	10,5	M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423	373		
	12,1	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
	14,1	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
	16,1	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480			
	18,3	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
	20,6	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
	23,1	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	500			
	23,9	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
	27,7	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529			
	31,8	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539			
	Ø360	7,7	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481		292	372
		8,7	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207		302	
		10,2	M7 (4m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	110822		302	
12,3		M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359			
13,8		M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359			
16,3		M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359			
18,9		M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
21,8		M6 (3m)	15	19	6989	76,17	VR673.1K-3E160L/4D	124542	379			
25,0		M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
28,4		M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	408			
8,2		M8 (5m)	5,5	7,3	6744	200,14	VR773.1K-3E132S/4C	125257	413	373		
9,9		M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423			
11,1		M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423			
12,9		M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
14,9		M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
17,0		M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500			
19,3		M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
21,8		M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
24,4	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529				
25,3	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529				
29,3	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539				
33,7	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	539				
Ø380	8,2	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	292		372	
	9,2	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302			
	10,8	M7 (4m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	110822	302			
	13,0	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359			
	14,6	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359			
	17,2	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379			
	20,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379			
	23,0	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408			
	26,3	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
	30,0	M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	418			
	7,5	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373		
	8,7	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423			
	10,5	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423			
	11,7	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480			
	13,6	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
	15,7	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
	18,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500			
	20,4	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
23,0	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	500				
25,8	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529				

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

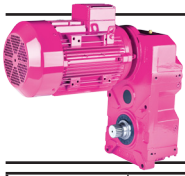
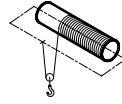
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø380	26,7	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	373
	31,0	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539	
	35,6	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585	
Ø400	8,6	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	9,7	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	11,3	M7 (4m)	11	9,0	10878	161,66	VR673.1K-3E160M/4C	106274	359	
	13,7	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	15,4	M6 (3m)	11	12	8061	119,86	VR673.1K-3E160M/4C	124533	359	
	18,1	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	21,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	24,2	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	27,7	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	31,5	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	7,8	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	9,2	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	11,0	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423	
	12,4	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	14,3	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	16,6	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	18,9	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	21,5	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	24,2	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529	
	27,1	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529	
	28,1	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	529	
32,6	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
37,5	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø420	9,0	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	10,2	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	11,9	M7 (4m)	11	9,0	10878	161,66	VR673.1K-3E160M/4C	106274	359	
	14,4	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	16,1	M6 (3m)	11	12	8061	119,86	VR673.1K-3E160M/4C	124533	359	
	19,0	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	22,1	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	25,5	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	29,1	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	33,1	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	8,2	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	9,6	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	11,6	M8 (5m)	11	8,8	11233	166,50	VR773.1K-3E160M/4C	125704	480	
	13,0	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	15,0	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	17,4	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	19,9	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	22,5	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	25,4	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529	
	28,5	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	529	
	29,6	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539	
34,2	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	585		
39,3	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

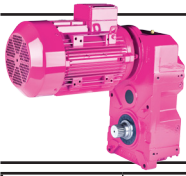
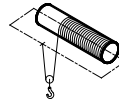
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	3,2	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	3,7	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
	4,1	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	4,9	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	184	
	6,0	M8 (5m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	69151	184	
	6,8	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	7,6	M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	194	
	9,1	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204	
	10,2	M7 (4m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	80785	204	
	12,5	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	14,1	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	15,9	M6 (3m)	11	44	2272	33,46	VR573.1K-3E160M/4C	86236	261	
	18,8	M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	281	
	6,9	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	372
	7,9	M8 (5m)	5,5	22	2259	66,59	VR673.1K-3E132S/4C	115595	292	
	9,0	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
	Ø240	3,3	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177
3,8		M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
4,3		M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
5,1		M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	184	
6,3		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
7,1		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
8,0		M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	194	
9,5		M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204	
10,6		M7 (4m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	80785	204	
13,0		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
14,7		M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
16,6		M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	261	
19,6		M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	281	
5,4		M8 (5m)	4,0	14	2505	102,10	VR673.1K-3E112M/4D	110887	282	372
6,3		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
7,2		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
8,3		M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	292	
9,4	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø250	3,5	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
	4,0	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
	4,5	M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	184	
	5,3	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
	6,5	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	7,4	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	8,3	M7 (4m)	5,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	194	
	9,9	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204	
	11,1	M6 (3m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	86002	204	
	13,5	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	15,3	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	17,2	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281	
	20,4	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	4,7	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282	372
	5,6	M8 (5m)	4,0	14	2505	102,10	VR673.1K-3E112M/4D	110887	282	
	6,5	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	7,5	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
8,6	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302		
9,8	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø260	4,1	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	371

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

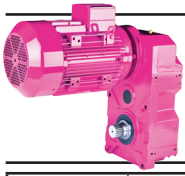
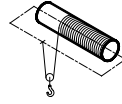
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yükl. Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø260	4,7	M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	184	371	
	5,6	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184		
	6,8	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194		
	7,7	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194		
	8,6	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204		
	10,2	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204		
	11,5	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
	14,1	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261		
	15,9	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261		
	17,9	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281		
	21,2	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281		
	4,9	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282	372	
	5,8	M8 (5m)	4,0	14	2505	102,10	VR673.1K-3E112M/4D	110887	282		
	6,8	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
	7,8	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292		
	9,0	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302		
	10,2	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
	Ø270	3,8	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
		4,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
		4,8	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
5,8		M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184		
7,0		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194		
8,0		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194		
9,0		M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
10,6		M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204		
11,9		M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
14,6		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261		
16,6		M6 (3m)	15	39	3480	37,64	VR573.1K-3E160L/4D	84068	261		
18,6		M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
22,0		M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281		
4,6		M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372	
5,1		M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282		
6,1		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
7,1		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
8,1		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292		
9,3		M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302		
10,6		M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø280	4,4	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	177	371	
	5,0	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	6,0	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	184		
	7,3	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194		
	8,3	M7 (4m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	76646	194		
	9,3	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	11,0	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204		
	12,4	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
	15,2	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261		
	17,2	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	19,3	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	22,8	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	281		
	4,7	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372	
	5,3	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282		
	6,3	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	7,3	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
	8,4	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
	9,6	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302		
	11,0	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

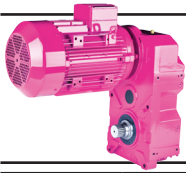
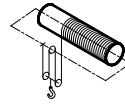
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø290	4,6	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	371		
	5,2	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184			
	6,2	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194			
	7,6	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
	8,6	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204			
	9,6	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204			
	11,4	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261			
	12,8	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261			
	15,7	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261			
	17,8	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281			
	20,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281			
	23,7	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311			
	Ø300	3,1	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277		275	372
		3,5	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
		4,1	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
		4,9	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
		5,5	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282		
		6,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
		7,6	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
		8,7	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
10,0		M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
11,4		M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			
Ø300		4,2	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
		4,8	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
		5,4	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	6,4	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194			
	7,8	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194			
	8,9	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204			
	10,0	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204			
	11,8	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261			
	13,3	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261			
	16,2	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261			
	18,4	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281			
	20,7	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281			
	24,5	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311			
Ø300	3,2	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372		
	3,6	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275			
	4,2	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275			
	5,1	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282			
	5,7	M8 (5m)	4,0	12	2962	119,86	VR673.1K-3E112M/4D	108469	282			
	6,7	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
	7,8	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292			
	9,0	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
	10,3	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
	11,8	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

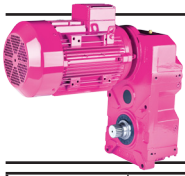
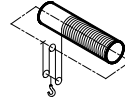
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	1,4	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,6	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,9	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	2,0	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	2,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	2,7	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,1	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	3,6	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	4,1	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	4,7	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	114	
	5,7	M7 (4m)	4,0	43	852	34,28	VR473.1K-3E112M/4D	50759	114	
	6,8	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	5,2	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	371
	5,8	M8 (5m)	4,0	44	832	33,46	VR573.1K-3E112M/4D	80454	184	
6,9	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø180	1,5	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,7	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	2,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	2,1	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	2,5	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	2,9	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,3	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	3,8	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	4,3	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	5,0	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	114	
	6,0	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	7,3	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	5,5	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	371
	6,2	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194	
7,3	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø190	1,6	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,8	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	2,1	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	2,3	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	2,7	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	3,1	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	3,5	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	4,0	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	4,6	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	5,2	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	6,4	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	7,7	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	4,2	M8 (5m)	3,0	28	971	51,97	VR573.1K-3E100L/4D	78210	177	371
	5,1	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184	
5,8	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184		
6,5	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
7,7	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø200	1,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,9	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	2,2	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	2,4	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

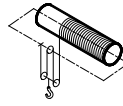
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qam} [N]	Gewicht	Maße Seite	
									~		
Ø200	2,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	370	
	3,2	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	107		
	3,7	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107		
	4,2	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107		
	4,8	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
	5,5	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114		
	6,7	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124		
	8,1	M6 (3m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	52209	124		
	4,4	M8 (5m)	3,0	28	971	51,97	VR573.1K-3E100L/4D	78210	177	371	
	5,4	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
	6,1	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	6,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
	8,1	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	194		
	Ø210	1,7	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
		2,0	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
		2,4	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
2,5		M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105		
3,0		M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105		
3,4		M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
3,9		M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
4,4		M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	107		
5,0		M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
5,8		M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114		
7,0		M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124		
8,5		M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
3,1		M8 (5m)	2,2	19	1058	77,63	VR573.1K-3E100L/4C	74293	174	371	
3,5		M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
4,1		M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177		
4,6		M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
5,6	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184			
6,4	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
7,2	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194			
8,5	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204			
Ø220	1,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370	
	2,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101		
	2,5	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105		
	2,6	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105		
	3,1	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105		
	3,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
	4,0	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
	4,6	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114		
	5,3	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
	6,1	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124		
	7,4	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124		
	8,9	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
	2,8	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	70215	174	371	
	3,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	71396	177		
	3,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	73543	177		
	4,3	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	75138	177		
4,8	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	75648	184			
5,9	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	75555	184			
6,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	76931	194			
7,5	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	78149	194			
8,9	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	77985	204			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

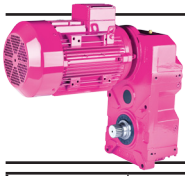
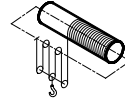
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	2,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	2,6	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	2,7	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	3,2	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	3,7	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	4,2	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	4,8	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	5,5	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	6,4	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	7,7	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	9,3	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
	3,0	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	3,4	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	3,8	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	4,5	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	5,0	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	6,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	7,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
7,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
9,3	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		
Ø240	2,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	2,2	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105	
	2,7	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	2,8	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	3,4	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	3,9	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	4,4	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114	
	5,0	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	5,8	M6 (3m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	52173	114	
	6,6	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	8,0	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	9,7	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
	2,5	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371
	3,1	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	
	3,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	4,0	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	4,7	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	5,3	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	6,5	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
7,3	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
8,2	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
9,7	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

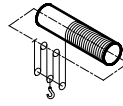
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø110	0,7	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	0,8	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	0,9	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,1	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	1,2	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,4	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,6	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,0	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	2,4	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,6	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,0	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
	3,5	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	
Ø120	0,7	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	0,9	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,0	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,1	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,6	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,7	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,2	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,6	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,3	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	3,9	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	
Ø130	0,8	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	0,9	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,0	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,7	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,9	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,4	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,6	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
	4,2	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	
Ø140	0,9	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,0	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,6	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	1,8	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,6	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	3,0	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,3	M8 (5m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,9	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	4,5	M8 (5m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
Ø150	0,9	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,1	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,2	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,4	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,7	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	2,0	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,2	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	70	
	2,7	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	3,2	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	3,5	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
4,1	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

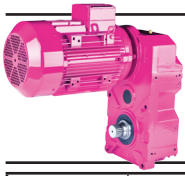
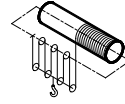
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø150	4,8	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	369
Ø160	1,0	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	1,1	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,3	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,5	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,8	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	2,1	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,3	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	2,9	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	3,4	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	3,8	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	4,4	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	77	
5,1	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77		
Ø170	1,1	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,2	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,4	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,6	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66	
	1,9	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	2,2	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	2,5	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	3,1	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	3,6	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	4,0	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	4,7	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
5,5	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77		
Ø180	1,1	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,3	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,4	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,7	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66	
	2,0	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66	
	2,4	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	2,6	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	3,3	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73	
	3,8	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73	
	4,3	M6 (3m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	22235	73	
	5,0	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
5,8	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

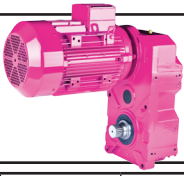
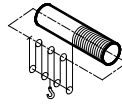
**4 t****8 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø110	0,5	M8 (5m)	0,37	12	278	121,67	VR373.1K-3E71M/4D	23158	58	369
	0,6	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	0,7	M8 (5m)	0,55	15	319	94,32	VR373.1K-3E80M/4C	21182	60	
	0,8	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	0,9	M8 (5m)	0,75	21	312	67,45	VR373.1K-3E80M/4D	19072	61	
	1,1	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,2	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	1,5	M8 (5m)	1,1	35	283	41,42	VR373.1K-3E90S/4C	16429	64	
	1,8	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66	
	1,9	M8 (5m)	1,5	45	301	32,11	VR373.1K-3E90L/4D	15095	66	
	2,3	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
2,7	M8 (5m)	2,2	61	324	23,58	VR373.1K-3E100L/4C	13592	70		
Ø120	0,6	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60	369
	0,6	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	0,7	M8 (5m)	0,55	15	319	94,32	VR373.1K-3E80M/4C	21182	60	
	0,9	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	1,0	M8 (5m)	0,75	21	312	67,45	VR373.1K-3E80M/4D	19072	61	
	1,2	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,3	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	1,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	1,9	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66	
	2,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	2,5	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
2,9	M8 (5m)	2,2	61	324	23,58	VR373.1K-3E100L/4C	13592	70		
Ø130	0,6	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60	369
	0,7	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	0,8	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	0,9	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	1,1	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,3	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,4	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	1,8	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	2,1	M8 (5m)	1,5	41	332	35,49	VR373.1K-3E90L/4D	15482	66	
	2,3	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	2,7	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
3,1	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	70		
Ø140	0,6	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60	369
	0,7	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	0,8	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,0	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	1,2	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,4	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,5	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	1,9	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	2,2	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,5	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	2,9	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
3,4	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	70		
Ø150	0,7	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60	369
	0,8	M8 (5m)	0,75	13	491	106,69	VR373.1K-3E80M/4D	21452	61	
	0,9	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,1	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,3	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,5	M8 (5m)	1,1	24	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,6	M8 (5m)	1,5	27	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,1	M8 (5m)	1,5	34	386	41,42	VR373.1K-3E90L/4D	16088	66	
	2,4	M8 (5m)	2,2	39	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,7	M8 (5m)	2,2	44	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,1	M8 (5m)	3,0	51	515	27,53	VR373.1K-3E100L/4D	13658	70	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

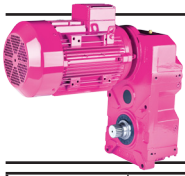
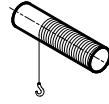
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø150	3,6	M8 (5m)	3,0	59	442	23,58	VR373.1K-3E100L/4D	13202	73	369
Ø160	0,7	M8 (5m)	0,55	12	413	121,67	VR373.1K-3E80M/4C	22710	60	369
	0,9	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,0	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,1	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,6	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,7	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,2	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,6	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,8	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,3	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
3,9	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73		
Ø170	0,8	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	61	369
	0,9	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,0	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	1,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,4	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,7	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,8	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,3	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,7	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,0	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	3,5	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
4,1	M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73		
Ø180	0,8	M8 (5m)	0,75	12	564	121,67	VR373.1K-3E80M/4D	22213	61	369
	1,0	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	1,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,3	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,5	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,8	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	2,0	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,5	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,9	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	3,2	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,7	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	4,3	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

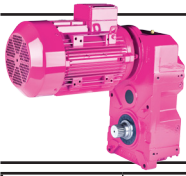
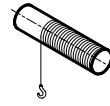
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø300	6,5	M7 (4m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	104696	292	372	
	7,3	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	8,5	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302		
	10,3	M7 (4m)	11	11	9001	134,51	VR673.1K-3E160M/4C	109499	359		
	11,6	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359		
	13,6	M7 (4m)	15	14	9330	102,10	VR673.1K-3E160L/4D	111606	379		
	15,8	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	18,2	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	379		
	20,9	M6 (3m)	18,5	22	7523	66,59	VR673.1K-3E180M/4C	123710	408		
	23,7	M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	418		
	5,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	6,9	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	8,3	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423		
	9,3	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	10,8	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	12,4	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	14,2	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	16,1	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	18,2	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	500		
	20,4	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529		
21,2	M8 (5m)	18,5	22	7431	65,59	VR773.1K-3E180M/4C	148034	529			
24,4	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539			
28,1	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585			
Ø320	6,9	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	7,8	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	9,1	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359		
	11,0	M7 (4m)	11	11	9001	134,51	VR673.1K-3E160M/4C	109499	359		
	12,3	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
	14,5	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	16,8	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	19,5	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408		
	22,3	M6 (3m)	22	22	8946	66,59	VR673.1K-3E180L/4D	121840	408		
	25,2	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418		
	6,3	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	7,4	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	8,8	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423		
	9,9	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	11,5	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	13,2	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	15,1	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	17,2	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	19,4	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
	21,8	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529		
22,6	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	529			
26,0	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539			
30,0	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585			
Ø340	7,3	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	8,2	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	9,7	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	11,7	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359		
	13,1	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
	15,4	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	17,9	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	20,7	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408		
	23,6	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418		
	26,8	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	418		
	6,7	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

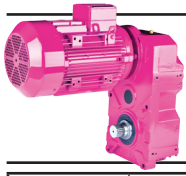
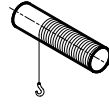
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	7,8	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	373
	9,4	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	10,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	12,2	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	14,1	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	16,1	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	18,3	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	500	
	20,6	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	23,2	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539	
	24,0	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539	
	27,6	M8 (5m)	30	26	10492	56,82	VR773.1K-3E200L/4D	142970	585	
	31,8	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585	
Ø360	7,7	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	8,7	M6 (3m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	127223	302	
	10,2	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	12,4	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	13,9	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	16,3	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	18,9	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	21,9	M5 (2m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	131671	408	
	25,0	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418	
	28,4	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	7,1	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	8,3	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	9,9	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	11,2	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	12,9	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	14,9	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	17,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	19,3	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529	
21,9	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
24,5	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539		
25,4	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539		
29,2	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
33,7	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø380	8,2	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	127019	302	372
	9,2	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359	
	10,8	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	13,0	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	14,6	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	17,2	M5 (2m)	15	14	9330	102,10	VR673.1K-3E160L/4D	133758	379	
	20,0	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	23,1	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	418	
	26,4	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418	
	30,0	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	7,5	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	8,7	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	10,5	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	11,8	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	13,6	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	15,7	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	18,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	20,4	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529	
	23,1	M8 (5m)	22	19	10273	76,29	VR773.1K-3E180L/4D	143899	539	
	25,9	M7 (4m)	22	22	9172	68,02	VR773.1K-3E180L/4D	155561	539	
	26,8	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	539	
	30,9	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585	
	35,6	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

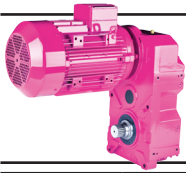
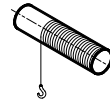
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qam} [N]	Gewicht	Maße Seite	
									~		
									[kg]		
Ø380	25,5	M8 (5m)	22	21	9329	69,01	VR873.1K-3E180L/4D	150258	890	374	
	29,1	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
	33,1	M8 (5m)	30	28	9840	53,03	VR873.1K-3E200L/4D	149661	965		
	37,6	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø400	8,6	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	121919	302	372	
	9,7	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	122575	359		
	11,4	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	134529	359		
	13,7	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134063	379		
	15,4	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	130898	379		
	18,1	M5 (2m)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	131243	379		
	21,0	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	129536	408		
	24,3	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129541	418		
	7,8	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
	9,2	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
	11,1	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	12,4	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	14,3	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
	16,6	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	18,9	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529		
	21,5	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
	24,3	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
	27,2	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
	28,2	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
	32,5	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
	37,5	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
	25,3	M8 (5m)	22	20	9888	73,09	VR873.1K-3E180L/4D	146980	890	374	
	26,8	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	30,6	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
	34,8	M8 (5m)	30	28	9840	53,03	VR873.1K-3E200L/4D	149661	965		
	39,6	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
	Ø420	9,0	M6 (3m)	11	6,8	14283	213,15	VR673.1K-3E160M/4C	121048	302	372
		10,2	M5 (2m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	145979	359	
12,0		M5 (2m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	141576	359		
14,4		M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379		
16,2		M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379		
19,0		M4 (1Am)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	143568	408		
22,1		M4 (1Am)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	142370	408		
25,5		M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418		
8,2		M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
9,7		M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
11,6		M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
13,0		M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
15,1		M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
17,4		M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
19,9		M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529		
22,5		M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	529		
25,5		M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
28,6		M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
29,7		M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
34,1		M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
39,3		M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
21,3		M8 (5m)	18,5	16	10379	91,16	VR873.1K-3E180M/4C	141084	875	374	
23,8		M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
26,6		M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
28,2		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

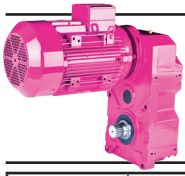
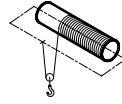
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Göv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø420	32,1	M8	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965	374	
	36,6	M8	37	28	12137	53,03	VR873.1K-3E225S/4C	147840	1025		
	41,5	M8	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø440	8,6	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
	10,1	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
	12,2	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	13,6	M8 (5m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	128335	500		
	15,8	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	18,2	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	500		
	20,8	M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529		
	23,6	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539		
	26,7	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
	30,0	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	31,1	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	35,7	M6 (3m)	30	26	10492	56,82	VR773.1K-3E200L/4D	160997	585		
	15.1	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		374
	17.4	M8 (5m)	15	13	10752	116,84	VR873.1K-3E160L/4D	132750	825		
	19.8	M8 (5m)	18.5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
	22.3	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890		
	25.0	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
	27.9	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
	29.5	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	33.7	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
38.3	M8 (5m)	37	28	12137	53,03	VR873.1K-3E225S/4C	147840	1025			
43.5	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

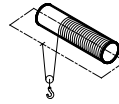
**5 t****2 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø270	4,3	M7 (4m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	70753	184	371
	4,9	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	5,8	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	7,1	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204	
	8,0	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204	
	9,0	M6 (3m)	11	21	4646	69,00	VR573.1K-3E160M/4C	82189	204	
	10,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	12,0	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261	
	14,6	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281	
	16,6	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	18,7	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	22,1	M4 (1Am)	18,5	52	3228	28,30	VR573.1K-3E180M/4C	93054	311	
	2,9	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	
	3,2	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	97481	275	
	3,8	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	4,6	M8 (5m)	4,0	11	3296	134,51	VR673.1K-3E112M/4D	105206	282	
	5,2	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	6,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	110035	292	
	7,1	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302	
	8,2	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112934	302	
9,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359		
10,6	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		
Ø280	4,5	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
	5,1	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	6,0	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	7,3	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204	
	8,3	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204	
	9,4	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	11,1	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	12,4	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261	
	15,2	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281	
	17,2	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281	
	19,4	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	22,9	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	
	3,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	
	3,4	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	97481	275	
	4,0	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	4,8	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	105206	282	
	5,4	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	6,3	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	110035	292	
	7,3	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302	
	8,5	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112934	302	
9,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359		
11,0	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		
Ø290	4,6	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
	5,2	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	6,2	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	7,6	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204	
	8,6	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204	
	9,7	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	11,5	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	12,9	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261	
	15,7	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	17,8	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281	
	20,1	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	23,7	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

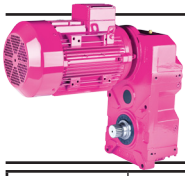
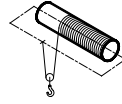
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø290	3,1	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	372
	3,5	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	97481	275	
	4,1	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	4,9	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	5,5	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	6,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132M/4D	110035	292	
	7,6	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302	
	8,8	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112934	302	
	10,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359	
	11,4	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359	
Ø300	4,8	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	5,4	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	6,4	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	7,8	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	8,9	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204	
	10,0	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	11,9	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	13,3	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261	
	16,2	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	18,4	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	20,8	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	24,5	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	
	3,2	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	372
	3,6	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95895	282	
	4,3	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	5,1	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	5,7	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	6,7	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108319	302	
7,9	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302		
9,1	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	112934	302		
10,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359		
11,8	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		
Ø310	5,0	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	5,6	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	6,6	M6 (3m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	81646	204	
	8,1	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	9,2	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	10,4	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	12,3	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	13,8	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	16,8	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	19,0	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	21,5	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	25,4	M4 (1Am)	22	52	3839	28,30	VR573.1K-3E180L/4D	92064	320	
	3,3	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	372
	3,7	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95895	282	
	4,4	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	5,3	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	5,9	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	7,0	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108319	302	
8,1	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302		
9,4	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110684	359		
10,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359		
12,2	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

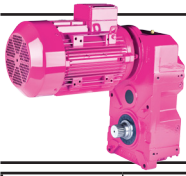
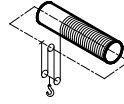
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Tambur Çapı <i>Drum Diameter</i> Trommel- durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgesch- windigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs- drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs- drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø320	5,1	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	5,8	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	6,8	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	8,4	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	9,5	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	10,7	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	12,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	14,2	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	17,3	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	3,4	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	88704	275	372
	3,8	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95895	282	
	4,5	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	5,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	6,1	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	7,2	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108319	302	
	8,4	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302	
	9,7	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110684	359	
	11,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359	
12,6	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		
Ø330	5,3	M6 (3m)	5,5	10	5027	143,35	VR573.1K-3E132S/4C	81567	194	371
	6,0	M6 (3m)	5,5	12	4456	126,81	VR573.1K-3E132S/4C	82997	194	
	7,1	M5 (2m)	7,5	14	5149	107,18	VR573.1K-3E132M/4D	92019	204	
	8,6	M5 (2m)	7,5	17	4229	87,90	VR573.1K-3E132M/4D	91322	204	
	9,8	M5 (2m)	11	19	5488	77,63	VR573.1K-3E160M/4C	88669	261	
	11,0	M5 (2m)	11	21	4885	69,00	VR573.1K-3E160M/4C	89109	261	
	13,0	M4 (1Am)	11	25	4140	58,36	VR573.1K-3E160M/4C	96061	261	
	14,7	M4 (1Am)	15	28	5034	51,97	VR573.1K-3E160L/4D	93802	281	
	17,9	M4 (1Am)	15	34	4134	42,62	VR573.1K-3E160L/4D	93789	281	
	3,5	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86925	282	372
	4,0	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95895	282	
	4,7	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	101441	282	
	5,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	6,3	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	7,4	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108319	302	
	8,6	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110802	302	
	10,0	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110684	359	
	11,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359	
13,0	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114662	359		
Ø340	5,4	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	6,1	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	7,3	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	8,9	M5 (2m)	11	17	5920	87,90	VR573.1K-3E160M/4C	88266	204	
	10,1	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	11,4	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	13,4	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	15,1	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	3,6	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86925	282	
	4,1	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95895	282	
	4,8	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	99409	292	
	5,8	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103513	292	
	6,5	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	107358	292	
	7,6	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108319	302	
	8,9	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	110802	302	
	10,3	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110684	359	
	11,8	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112811	359	
	13,4	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112680	379	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

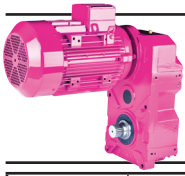
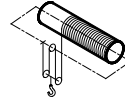
**5 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Göv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø190	3,7	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	371	
	4,2	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
	5,1	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
	5,8	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	6,5	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
	7,7	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø200	1,6	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370	
	1,9	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	2,2	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	2,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
	2,8	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	3,2	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
	3,7	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114		
	4,2	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
	4,8	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	5,5	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	6,7	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
	8,1	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134		
	1,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		371
	2,1	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	2,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	2,9	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	3,3	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
	3,9	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
4,4	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184			
5,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
6,1	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
6,9	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
8,1	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204			
Ø210	1,7	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	101	370	
	2,0	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	2,4	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	2,5	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
	3,0	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	3,4	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
	3,9	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	4,4	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
	5,1	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	5,8	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	7,0	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
	8,5	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134		
	1,7	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170		371
	1,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	2,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	2,7	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	3,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	3,5	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
4,1	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184			
4,6	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184			
5,6	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
6,4	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
7,2	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
8,5	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204			
Ø220	1,8	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370	
	2,1	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	2,5	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

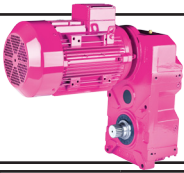
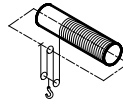
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Crane* Class	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø220	2,6	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	370
	3,1	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	3,5	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	4,0	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114	
	4,6	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114	
	5,3	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	6,1	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	7,4	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134	
	8,9	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	134	
	1,5	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	170	
	2,0	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	2,3	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	2,8	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	3,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	3,6	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
	4,3	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	4,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	5,9	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	6,7	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	
7,5	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
8,9	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	204		
Ø230	1,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	2,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	2,6	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107	
	2,7	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	
	3,2	M6 (3m)	3,0	17	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	3,7	M6 (3m)	4,0	20	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	4,2	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114	
	4,9	M6 (3m)	5,5	26	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	5,6	M6 (3m)	5,5	30	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	6,4	M5 (2m)	5,5	34	1414	41,50	VR473.1K-3E132S/4C	53672	124	
	7,7	M5 (2m)	7,5	41	1597	34,28	VR473.1K-3E132M/4D	52775	134	
	1,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	371
	2,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	2,4	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	3,0	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	3,4	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	3,8	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
	4,5	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	5,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	6,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
7,0	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204		
7,9	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
9,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		
Ø240	2,0	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	2,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	2,7	M6 (3m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	50219	107	
	2,8	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107	
	3,4	M6 (3m)	3,0	17	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	3,9	M6 (3m)	4,0	20	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	4,4	M5 (2m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	54122	114	
	5,1	M5 (2m)	5,5	26	1845	54,35	VR473.1K-3E132S/4C	52940	124	
	5,8	M5 (2m)	5,5	30	1611	47,37	VR473.1K-3E132S/4C	53333	124	
	6,6	M5 (2m)	7,5	34	1929	41,50	VR473.1K-3E132M/4D	52214	134	
	8,0	M5 (2m)	7,5	41	1597	34,28	VR473.1K-3E132M/4D	52775	134	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

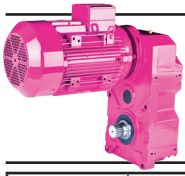
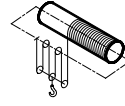
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{gam} [N]	[kg]	
Ø240	1,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	2,2	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	2,5	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	3,1	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	3,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	177	
	4,0	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
	4,7	M8 (5m)	5,5	25	1996	58,36	VR573.1K-3E132S/4C	75379	184	
	5,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	6,5	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	7,3	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	
	8,2	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204	
9,8	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

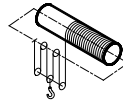
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	0,8	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369	
	0,9	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	1,0	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	1,2	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	64		
	1,5	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66		
	1,7	M8 (5m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	16590	66		
	1,9	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	2,4	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70		
	2,8	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	3,1	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73		
	3,6	M7 (4m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	16576	77		
	4,2	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	77		
	1,8	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	370	
	2,1	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105		
	2,4	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	105		
	2,9	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107		
	3,5	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
	Ø140	0,9	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
		1,0	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
		1,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
1,3		M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66		
1,6		M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66		
1,8		M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
2,0		M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
2,6		M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73		
3,0		M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
3,3		M6 (3m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	22235	73		
3,9		M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77		
4,5		M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	77		
1,5		M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	370	
1,7		M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
2,0		M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105		
2,2		M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105		
2,6		M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
3,1		M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107		
3,8		M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø150		0,9	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,1	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	1,2	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	1,4	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66		
	1,7	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66		
	2,0	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
	2,2	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	2,7	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73		
	3,2	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73		
	3,5	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77		
	4,2	M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77		
	4,9	M6 (3m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	19369	87		
	1,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	370	
	1,6	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105		
	1,8	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
	2,1	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105		
	2,4	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105		
	2,7	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
	3,3	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107		
	4,0	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

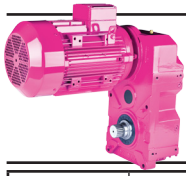
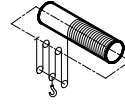
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø160	1,0	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,1	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,3	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	1,5	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	1,8	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	2,1	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	2,3	M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	70	
	2,9	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	3,4	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	73	
	3,8	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	4,4	M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77	
	5,2	M5 (2m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	24468	87	
	1,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	370
	1,5	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,7	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	2,0	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	2,2	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
	2,6	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	2,9	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107	
	3,5	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114	
4,3	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø170	1,1	M7 (4m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	26779	64	369
	1,2	M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	64	
	1,4	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	1,6	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	1,9	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	2,2	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	70	
	2,5	M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	70	
	3,1	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	3,6	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	77	
	4,0	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	4,7	M5 (2m)	5,5	53	938	27,53	VR373.1K-3E132S/4C	25319	87	
	5,5	M5 (2m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	24468	87	
	0,9	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,1	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	
	1,3	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	1,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	1,6	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,8	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	2,1	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	
	2,4	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105	
2,7	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
3,1	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
3,8	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
4,6	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø180	1,1	M6 (3m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	33431	64	369
	1,3	M6 (3m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	31495	66	
	1,4	M6 (3m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	30603	66	
	1,7	M6 (3m)	2,2	18	1075	79,34	VR373.1K-3E100L/4C	28225	70	
	2,0	M5 (2m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	34244	70	
	2,4	M5 (2m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	32982	70	
	2,6	M5 (2m)	3,0	28	972	52,30	VR373.1K-3E100L/4D	31317	73	
	3,3	M5 (2m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	29640	73	
	3,8	M4 (1Am)	4,0	41	885	35,49	VR373.1K-3E112M/4D	34923	77	
	4,3	M4 (1Am)	4,0	45	802	32,11	VR373.1K-3E112M/4D	34080	77	
	1,0	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,1	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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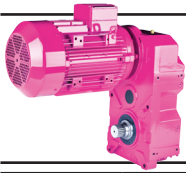
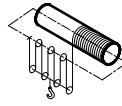
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø180	1,3	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	370	
	1,4	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101		
	1,7	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105		
	1,9	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105		
	2,2	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
	2,5	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105		
	2,9	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
	3,3	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
	4,0	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
	4,8	M8 (5m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	48468	124		
Ø190	1,2	M5 (2m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	41793	64	369	
	1,4	M5 (2m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	39534	66		
	1,5	M5 (2m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	38350	66		
	1,8	M5 (2m)	2,2	18	1075	79,34	VR373.1K-3E100L/4C	35580	70		
	2,1	M5 (2m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	34244	70		
	2,5	M4 (1Am)	2,2	25	787	57,79	VR373.1K-3E100L/4C	41217	70		
	2,8	M4 (1Am)	3,0	28	972	52,30	VR373.1K-3E100L/4D	39309	73		
	3,5	M4 (1Am)	4,0	35	1031	41,42	VR373.1K-3E112M/4D	36239	77		
	4,1	M4 (1Am)	4,0	41	885	35,49	VR373.1K-3E112M/4D	34923	77		
	4,5	M4 (1Am)	4,0	45	802	32,11	VR373.1K-3E112M/4D	34080	77		
	1,0	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99		370
	1,2	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99		
	1,4	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101		
	1,5	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101		
	1,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105		
	2,0	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105		
	2,3	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
	2,7	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107		
3,0	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107			
3,5	M8 (5m)	4,0	35	1036	41,50	VR473.1K-3E112M/4D	48314	114			
4,2	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114			
5,1	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124			
5,1	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194	371		
Ø200	1,1	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	55152	99	370	
	1,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	52968	101		
	1,5	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	52347	101		
	1,6	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	51433	101		
	1,9	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49025	105		
	2,1	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	48878	105		
	2,5	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	49109	105		
	2,8	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48665	107		
	3,2	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48628	107		
	3,7	M8 (5m)	4,0	35	1036	41,50	VR473.1K-3E112M/4D	48144	114		
	4,4	M7 (4m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	50583	114		
	5,4	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50127	124		
	4,0	M8 (5m)	4,0	39	941	37,64	VR573.1K-3E112M/4D	79552	184		371
	4,5	M8 (5m)	4,0	43	837	33,46	VR573.1K-3E112M/4D	80484	184		
	5,4	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

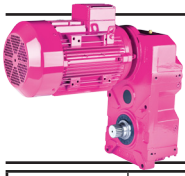
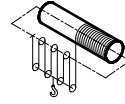
**5 t****8 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø110	0,5	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	0,6	M8 (5m)	0,55	14	360	106,69	VR373.1K-3E80M/4C	21885	60	
	0,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	0,8	M8 (5m)	0,75	18	367	79,34	VR373.1K-3E80M/4D	19898	61	
	0,9	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,1	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,2	M8 (5m)	1,1	28	357	52,30	VR373.1K-3E90S/4C	17448	64	
	1,5	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	1,8	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	1,9	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	2,3	M8 (5m)	2,2	53	378	27,53	VR373.1K-3E100L/4C	14113	70	
2,7	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73		
Ø120	0,6	M8 (5m)	0,55	12	409	121,67	VR373.1K-3E80M/4C	22649	60	369
	0,6	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	0,7	M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
	0,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,0	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,2	M8 (5m)	1,1	25	393	57,79	VR373.1K-3E90S/4C	17892	64	
	1,3	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	1,6	M8 (5m)	1,5	35	386	41,42	VR373.1K-3E90L/4D	16088	66	
	1,9	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,1	M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
	2,5	M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	70	
	2,9	M8 (5m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	13202	73	
	Ø130	0,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	
0,7		M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
0,8		M8 (5m)	0,75	15	435	94,32	VR373.1K-3E80M/4D	20798	61	
0,9		M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
1,1		M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
1,3		M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
1,4		M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
1,8		M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
2,1		M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
2,3		M8 (5m)	2,2	45	441	32,11	VR373.1K-3E100L/4C	14631	70	
2,7		M8 (5m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	13658	73	
3,1		M7 (4m)	3,0	61	442	23,58	VR373.1K-3E100L/4D	16552	73	
Ø140	0,7	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	0,7	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	0,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,0	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,2	M8 (5m)	1,1	21	458	67,45	VR373.1K-3E90S/4C	18590	64	
	1,4	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,5	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	1,9	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,2	M8 (5m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	14969	70	
	2,5	M8 (5m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	14100	70	
	2,9	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	3,4	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
Ø150	0,7	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	0,8	M8 (5m)	0,75	14	491	106,69	VR373.1K-3E80M/4D	21452	61	
	0,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,1	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,3	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	1,5	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,6	M8 (5m)	1,5	28	486	52,30	VR373.1K-3E90L/4D	17019	66	
	2,1	M8 (5m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	15491	70	
	2,4	M7 (4m)	2,2	41	487	35,49	VR373.1K-3E100L/4C	18757	70	
	2,7	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,1	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

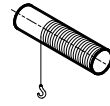
**5 t****8 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø150	3,6	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	369
Ø160	0,7	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	0,9	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,0	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,1	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,4	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	1,6	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,7	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	70	
	2,2	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	2,6	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	2,8	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,3	M7 (4m)	3,0	53	515	27,53	VR373.1K-3E100L/4D	17168	73	
	3,9	M7 (4m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	16064	77	
Ø170	0,8	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369
	0,9	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,0	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,2	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64	
	1,4	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66	
	1,7	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66	
	1,8	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	2,3	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	2,7	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	3,0	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,5	M7 (4m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	16599	77	
	4,1	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77	
Ø180	0,8	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369
	1,0	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64	
	1,1	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	
	1,3	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66	
	1,5	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66	
	1,8	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	2,0	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	2,5	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70	
	2,9	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73	
	3,2	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73	
	3,7	M6 (3m)	4,0	53	687	27,53	VR373.1K-3E112M/4D	20857	77	
	4,3	M6 (3m)	4,0	61	590	23,58	VR373.1K-3E112M/4D	20128	77	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

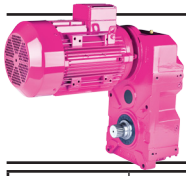
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø320	6,9	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372	
	7,8	M6 (3m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	121867	359		
	9,1	M6 (3m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	122536	359		
	11,0	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379		
	12,3	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379		
	14,5	M5 (2m)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	130890	379		
	16,9	M5 (2m)	18,5	17	9880	87,77	VR673.1K-3E180M/4C	131235	408		
	19,4	M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418		
	22,3	M4 (1Am)	30	22	12199	66,59	VR673.1K-3E200L/4D	134953	464		
	25,3	M4 (1Am)	30	25	10741	58,54	VR673.1K-3E200L/4D	135366	464		
	6,3	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
	7,4	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
	8,9	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
	9,9	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	11,5	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
	13,2	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	15,2	M8 (5m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	139390	529		
	17,2	M8 (5m)	18,5	17	9723	85,99	VR773.1K-3E180M/4C	142757	529		
	19,4	M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
	21,8	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
	22,6	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
	26,1	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
	30,0	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
	20,2	M8 (5m)	22	20	9921	73,09	VR873.1K-3E180L/4D	147005	890	374	
	21,5	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	24,6	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
	27,9	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965		
	31,7	M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147359	1025		
	Ø340	7,3	M5 (2m)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	153288	359	372
		8,3	M5 (2m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	145907	359	
9,7		M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359		
11,7		M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379		
13,1		M4 (1Am)	15	12	10955	119,86	VR673.1K-3E160L/4D	148787	379		
15,4		M4 (1Am)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	143555	408		
17,9		M4 (1Am)	22	17	11749	87,77	VR673.1K-3E180L/4D	139901	408		
20,6		M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418		
23,6		M4 (1Am)	30	22	12199	66,59	VR673.1K-3E200L/4D	134953	464		
6,7		M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
7,8		M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
9,4		M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
10,5		M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
12,2		M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
14,1		M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500		
16,1		M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529		
18,3		M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
20,6		M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
23,2		M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
24,0		M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
27,7		M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
31,8		M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
15,3		M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	374	
17,3		M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
19,3		M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
21,5		M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
22,8		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
26,1		M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
29,7		M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø340	33,7	M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147359	1025	374	
Ø360	7,1	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
	8,3	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
	10,0	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	11,2	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	12,9	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	14,9	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
	17,1	M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529		
	19,4	M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
	21,8	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	24,5	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	25,4	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	29,3	M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	585		
	33,7	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
	9,8	M8 (5m)	11	8,6	11464	170,32	VR873.1K-3E160M/4C	105849	800	374	
	10,9	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	12,4	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	14,2	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	16,2	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875		
	18,3	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	20,4	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
	22,7	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	24,2	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	27,6	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
	31,4	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
	35,7	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø380	7,5	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480		373
	8,8	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	10,5	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	11,8	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	13,6	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	15,7	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	18,0	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	529		
	20,5	M6 (3m)	22	17	11562	85,99	VR773.1K-3E180L/4D	162381	539		
	23,0	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	25,9	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	26,8	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	31,0	M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	621		
	35,6	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	621		
	10,3	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374	
	11,5	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	13,1	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	15,0	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	17,1	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875		
	19,3	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	21,5	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	24,0	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	25,5	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	29,2	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
	33,2	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
	37,7	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø400	7,9	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480		373
	9,2	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	11,1	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	12,4	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	14,3	M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	500		
	16,6	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

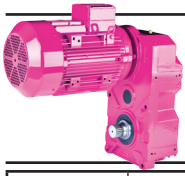
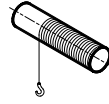
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø400	19,0	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539	373
	21,5	M6 (3m)	30	17	15767	85,99	VR773.1K-3E200L/4D	157848	539	
	24,2	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585	
	27,2	M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585	
	28,2	M5 (2m)	30	22	12050	65,59	VR773.1K-3E200L/4D	171366	585	
	32,6	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621	
	37,5	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645	
	10,8	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	12,1	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	13,8	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
	15,8	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	
	18,0	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
	20,3	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890	
	22,7	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
	25,3	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965	
	26,8	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965	
	30,7	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025	
	34,9	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065	
	39,6	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145524	1065	
	Ø420	8,3	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480
9,7		M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
11,6		M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
13,0		M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500	
15,1		M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	529	
17,4		M5 (2m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	177171	529	
19,9		M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539	
22,6		M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585	
25,4		M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585	
28,6		M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585	
29,7		M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	621	
34,2		M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621	
39,3		M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645	
11,4		M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
12,7		M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
14,4		M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
16,6		M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	
18,9		M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
21,3		M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
23,8		M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
26,5	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
28,2	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
32,2	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
36,7	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065		
41,6	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø440	8,7	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373
	10,1	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
	12,2	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
	13,6	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500	
	15,8	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529	
	18,2	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539	
	20,9	M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539	
	23,7	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585	
	26,6	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585	
	11,9	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	13,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	15,1	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	17,4	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

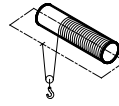
**6,3 t****1 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qam} [N]	Gewicht	Maße Seite
									~	
Ø440	19,8	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	374
	22,4	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	25,0	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
	27,8	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965	
	29,5	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025	
	33,8	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025	
	38,4	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065	
	43,6	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152135	1180	
Ø450	8,9	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373
	10,4	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
	12,5	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500	
	13,9	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500	
	16,1	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529	
	18,6	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539	
	21,4	M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539	
	24,2	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585	
	27,2	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585	
	12,2	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	13,6	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	15,5	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	17,8	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	20,3	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
22,9	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
25,5	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
28,4	M8 (5m)	37	20	16686	73,09	VR873.1K-3E225S/4C	141633	1025		
30,2	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
34,5	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
39,3	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065		
44,6	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152135	1180		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

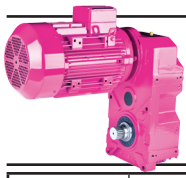
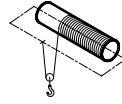
**6,3 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø270	4,3	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	4,9	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	5,8	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204	
	7,1	M5 (2m)	11	17	5900	87,90	VR573.1K-3E160M/4C	88253	204	
	8,0	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	9,0	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	10,7	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	12,0	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	14,7	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311	
	16,6	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311	
	2,9	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	3,3	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	3,8	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	4,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	5,2	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	6,1	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	7,1	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	302	
	8,2	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	9,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
10,6	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø280	4,5	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	5,1	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	6,0	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204	
	7,4	M5 (2m)	11	17	5900	87,90	VR573.1K-3E160M/4C	88253	261	
	8,3	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	9,4	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	11,1	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	12,4	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	15,2	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311	
	3,0	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	3,4	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	4,0	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	4,8	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	5,4	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
	6,3	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	7,4	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	8,5	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	9,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	11,0	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
Ø290	3,1	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	3,5	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	4,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	4,9	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	5,5	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
	6,5	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	7,6	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	8,8	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	10,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	11,4	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
	Ø300	3,2	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282
3,6		M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
4,3		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
5,1		M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
5,7		M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
6,8		M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

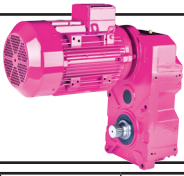
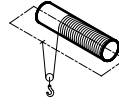
**6,3 t****2 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite		
Ø300	7,9	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	372		
	9,1	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359			
	10,4	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	359			
	11,8	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379			
Ø320	3,4	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372		
	3,9	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
	4,5	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
	5,5	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
	6,1	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302			
	7,2	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
	8,4	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
	9,7	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359			
	11,1	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379			
	12,6	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379			
	Ø340	3,7	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040		282	372
		4,1	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889		292	
4,8		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
5,8		M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
6,5		M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302			
7,7		M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
8,9		M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
10,3		M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359			
11,8		M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379			
13,4		M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379			
13,8		M8 (5m)	15	26	5246	56,82	VR773.1K-3E160L/4D	148625	500	373		
15,9		M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529			
Ø360		3,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
		4,4	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	5,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
	6,1	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
	6,9	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302			
	8,1	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
	9,5	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
	10,9	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	12,5	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
	14,2	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	379			
	10,9	M8 (5m)	15	18	7028	76,29	VR773.1K-3E160L/4D	147444	500	373		
	12,2	M8 (5m)	15	21	6275	68,02	VR773.1K-3E160L/4D	149785	500			
	12,7	M8 (5m)	15	20	6046	65,59	VR773.1K-3E160L/4D	149571	500			
	14,6	M8 (5m)	18,5	25	6470	56,82	VR773.1K-3E180M/4C	147306	529			
	16,9	M8 (5m)	18,5	28	5621	49,45	VR773.1K-3E180M/4C	146450	529			
	Ø380	4,1	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292		372
4,6		M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
5,4		M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302			
6,5		M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
7,3		M8 (5m)	11	12	8089	119,86	VR673.1K-3E160M/4C	101627	359			
8,6		M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
10,0		M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359			
11,5		M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
13,2		M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
15,0		M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

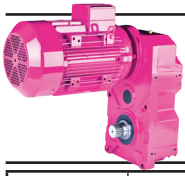
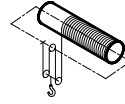
**6,3 t****2 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	9,0	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	373
	10,2	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	11,5	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	12,9	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	13,4	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	15,4	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529	
	17,8	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	529	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

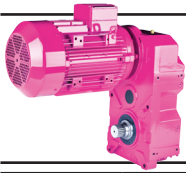
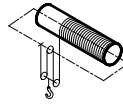
**6,3 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser			Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø170	1,4	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	1,6	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	1,9	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	2,0	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	2,4	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	2,7	M6 (3m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	52109	107	
	3,2	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	3,6	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114	
	4,1	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	4,7	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	5,7	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	6,9	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134	
	1,2	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,3	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170	
	1,5	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,8	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	2,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	2,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	2,8	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	3,3	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
3,7	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	184		
4,6	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
5,2	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
5,8	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
6,9	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø180	1,5	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	1,7	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	2,0	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	2,1	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	
	2,5	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	2,9	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	3,3	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	3,8	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	4,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	5,0	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	6,0	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	7,3	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	191	
	1,3	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,4	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,6	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,9	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	2,3	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	2,6	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	3,0	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	3,5	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
4,0	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
4,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
5,5	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
6,2	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
7,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261		
Ø190	1,6	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	1,8	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	2,1	M6 (3m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	50219	107	
	2,3	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107	
	2,7	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	3,1	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114	
	3,5	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	4,0	M5 (2m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	52940	124	
	4,6	M5 (2m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	53333	124	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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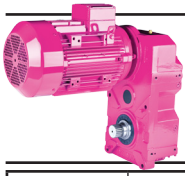
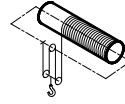
**6,3 t****4 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø190	5,2	M5 (2m)	7,5	35	1929	41,50	VR473.1K-3E132M/4D	52214	134	370
	6,4	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	7,7	M4 (1Am)	11	51	1942	28,45	VR473.1K-3E160M/4C	53543	191	
	1,3	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,5	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,7	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	2,0	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	2,5	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	2,8	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	177	
	3,2	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	3,7	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	184	
	4,2	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	5,1	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	5,8	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	6,5	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204	
	7,7	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
	Ø200	1,6	M4 (1Am)	2,2	51	1862	28,45	VR473.1K-3E100L/4C	62680	105
1,4		M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
1,6		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
1,8		M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
2,1		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
2,6		M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
2,9		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
3,3		M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
3,9		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
4,4		M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
5,4		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
6,1		M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
6,9		M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204	
8,1		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø210	1,5	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	2,2	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	2,7	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	3,1	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	3,5	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	4,1	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	4,6	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	5,6	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	6,4	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	7,2	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	8,5	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
	Ø220	1,5	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174
1,7		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
2,0		M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
2,3		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
2,8		M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
3,2		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
3,7		M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
4,3		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
4,9		M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
5,9		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
6,7		M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
7,6		M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
8,9		M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

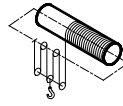
**6,3 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,6	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	2,1	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	2,4	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	3,0	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	3,4	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	3,8	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	4,5	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	5,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	6,2	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	7,0	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	204	
	7,9	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	9,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	
Ø240	1,7	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	2,2	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	2,5	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	3,1	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	3,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	4,0	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	4,7	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	5,3	M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
	6,5	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	7,3	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
	8,3	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	9,8	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

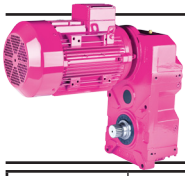
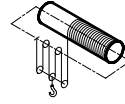
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	0,9	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	1,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,3	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	1,3	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	1,6	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,8	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	2,1	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	2,4	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	2,7	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	3,1	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	3,8	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	4,6	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	3,0	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184	371
	3,5	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	
3,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
4,6	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø180	1,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,1	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,3	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	101	
	1,4	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,7	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,9	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	2,2	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	2,5	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	2,9	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	3,3	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	4,0	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	4,8	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	3,2	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184	371
	3,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	184	
4,1	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
4,9	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø190	1,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,4	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,5	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,8	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	2,0	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	107	
	2,3	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	2,7	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107	
	3,0	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	3,5	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	4,2	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	5,1	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	124	
	2,5	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177	371
	2,8	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
3,4	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
3,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
4,3	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
5,1	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		
Ø200	1,1	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,2	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,5	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,6	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,9	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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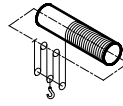
**6,3 t****6 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø200	2,1	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	370	
	2,5	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
	2,8	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114		
	3,2	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
	3,7	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	114		
	4,5	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124		
	5,4	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
	2,2	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	371	
	2,6	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177		
	2,9	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
	3,6	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
	4,1	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	4,6	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
	5,4	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		
	Ø210	1,2	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
		1,3	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
		1,6	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
1,7		M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105		
2,0		M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105		
2,3		M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
2,6		M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
2,9		M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114		
3,4		M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
3,9		M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124		
4,7		M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124		
5,6		M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
1,8		M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371	
2,1		M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
2,3		M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
2,7		M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	177		
3,1		M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
3,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
4,3	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
4,8	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194			
5,7	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204			
Ø220	1,2	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370	
	1,4	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105		
	1,6	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	1,7	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
	2,1	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	2,4	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
	2,7	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
	3,1	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114		
	3,5	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
	4,1	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	4,9	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124		
	5,9	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
	1,6	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	67706	174	371	
	1,9	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	70215	174		
	2,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	71396	177		
	2,4	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	73543	177		
	2,9	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	73976	184		
3,2	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	75648	184			
3,9	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	75555	194			
4,5	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	76931	194			
5,0	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	76818	194			
5,9	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	77985	204			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

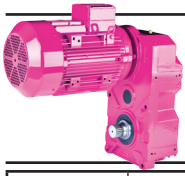
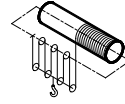
**6,3 t****6 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,3	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,4	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105	
	1,7	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	1,8	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	2,2	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	2,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	2,8	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114	
	3,2	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	3,7	M6 (3m)	5,5	31	1622	47,37	VR473.1K-3E132S/4C	50918	124	
	4,2	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	5,1	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134	
	6,2	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
	1,6	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371
	2,0	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	
	2,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	2,5	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	3,0	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	3,4	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	4,1	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	4,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
5,3	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
6,2	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		
Ø240	1,3	M7 (4m)	1,5	10	6047	138,35	VR473.1K-3E90L/4D	46308	101	370
	1,5	M7 (4m)	2,2	12	6523	121,49	VR473.1K-3E100L/4C	42455	105	
	1,8	M7 (4m)	2,2	14	4911	101,48	VR473.1K-3E100L/4C	45273	105	
	1,9	M7 (4m)	2,2	15	3575	95,87	VR473.1K-3E100L/4C	47509	105	
	2,2	M7 (4m)	3,0	18	2442	81,00	VR473.1K-3E100L/4D	48201	107	
	2,6	M7 (4m)	3,0	21	1795	70,59	VR473.1K-3E100L/4D	49237	107	
	2,9	M6 (3m)	4,0	23	1945	61,85	VR473.1K-3E112M/4D	51126	114	
	3,4	M6 (3m)	4,0	27	1638	54,35	VR473.1K-3E112M/4D	51683	114	
	3,8	M6 (3m)	5,5	31	1655	47,37	VR473.1K-3E132S/4C	50893	124	
	4,4	M6 (3m)	5,5	35	1345	41,50	VR473.1K-3E132S/4C	51446	124	
	5,3	M6 (3m)	7,5	43	1511	34,28	VR473.1K-3E132M/4D	50725	134	
	6,4	M5 (2m)	7,5	51	1239	28,45	VR473.1K-3E132M/4D	53260	134	
	1,1	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,3	M8 (5m)	1,5	10,1	1322	143,35	VR573.1K-3E90L/4D	63206	170	
	1,4	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,7	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	2,1	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	2,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	2,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	3,1	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
3,5	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
4,3	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
4,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
5,5	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
6,5	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

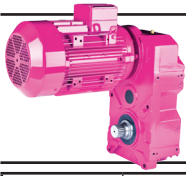
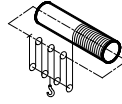
**6,3 t****8 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite	
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	0,6	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369	
	0,7	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	0,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	0,9	M8 (5m)	1,1	18	538	79,34	VR373.1K-3E90S/4C	19331	64		
	1,1	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66		
	1,3	M8 (5m)	1,5	25	537	57,79	VR373.1K-3E90L/4D	17419	66		
	1,4	M8 (5m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	16268	70		
	1,8	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70		
	2,1	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	2,3	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73		
	2,7	M7 (4m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	16576	73		
	3,2	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	77		
	1,6	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105		370
	1,8	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	105		
2,2	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107			
2,6	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114			
Ø140	0,7	M8 (5m)	0,75	12	558	121,67	VR373.1K-3E80M/4D	22157	61	369	
	0,7	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	0,8	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	1,0	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66		
	1,2	M8 (5m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	18038	66		
	1,4	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
	1,5	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	1,9	M7 (4m)	2,2	35	567	41,42	VR373.1K-3E100L/4C	19459	70		
	2,2	M7 (4m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	18171	73		
	2,5	M7 (4m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	17776	73		
	2,9	M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77		
	3,4	M6 (3m)	4,0	62	586	23,58	VR373.1K-3E112M/4D	20096	77		
	1,3	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		370
	1,5	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105		
1,7	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105			
1,9	M8 (5m)	2,2	35	570	41,50	VR473.1K-3E100L/4C	49635	105			
2,3	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107			
2,8	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114			
Ø150	0,7	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369	
	0,8	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		
	0,9	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64		
	1,1	M8 (5m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	18684	66		
	1,3	M7 (4m)	1,5	21	625	67,45	VR373.1K-3E90L/4D	22632	66		
	1,5	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70		
	1,6	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70		
	2,1	M7 (4m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	18777	73		
	2,4	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73		
	2,7	M6 (3m)	3,0	45	601	32,11	VR373.1K-3E100L/4D	22235	73		
	3,1	M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77		
	3,6	M6 (3m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	19369	87		
	1,2	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105		370
	1,4	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
1,6	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105			
1,8	M8 (5m)	2,2	31	649	47,37	VR473.1K-3E100L/4C	49234	105			
2,1	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107			
2,5	M8 (5m)	3,0	42	643	34,28	VR473.1K-3E100L/4D	49419	107			
3,0	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114			
Ø160	0,7	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64	369	
	0,9	M8 (5m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	20694	64		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

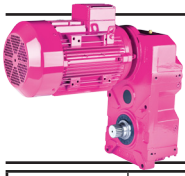
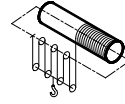
**6,3 t****8 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø160	1,0	M8 (5m)	1,1	15	637	94,32	VR373.1K-3E90S/4C	20127	64	369
	1,1	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	1,4	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	1,6	M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
	1,7	M7 (4m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	20523	70	
	2,2	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	2,6	M6 (3m)	3,0	41	664	35,49	VR373.1K-3E100L/4D	22766	73	
	2,8	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	3,3	M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77	
	3,9	M6 (3m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	19369	87	
	1,1	M8 (5m)	2,2	18	1100	95,87	VR473.1K-3E100L/4C	47006	105	370
	1,3	M8 (5m)	2,2	21	961	81,00	VR473.1K-3E100L/4C	47676	105	
	1,5	M8 (5m)	2,2	23	844	70,59	VR473.1K-3E100L/4C	48265	105	
	1,7	M8 (5m)	2,2	27	743	61,85	VR473.1K-3E100L/4C	48786	105	
	1,9	M8 (5m)	2,2	31	649	54,35	VR473.1K-3E100L/4C	49234	105	
	2,2	M8 (5m)	3,0	35	777	47,37	VR473.1K-3E100L/4D	49048	107	
	2,7	M8 (5m)	3,0	42	643	41,50	VR473.1K-3E100L/4D	49419	107	
	3,2	M8 (5m)	4,0	51	708	34,28	VR473.1K-3E112M/4D	49221	114	
	Ø170	0,8	M8 (5m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	21295	64
0,9		M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	64	
1,0		M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
1,2		M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
1,4		M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
1,7		M7 (4m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	20975	70	
1,8		M6 (3m)	2,2	28	713	52,30	VR373.1K-3E100L/4C	25686	70	
2,3		M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
2,7		M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	77	
3,0		M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
3,5		M6 (3m)	4,0	53	682	27,53	VR373.1K-3E112M/4D	20825	77	
4,1		M5 (2m)	5,5	62	805	23,58	VR373.1K-3E132S/4C	24468	87	
1,0		M8 (5m)	1,5	14	886	101,48	VR473.1K-3E90L/4D	46400	99	370
1,2		M8 (5m)	2,2	15	1100	95,87	VR473.1K-3E100L/4C	47006	101	
1,4		M8 (5m)	2,2	18	961	81,00	VR473.1K-3E100L/4C	47676	105	
1,6		M8 (5m)	2,2	21	844	70,59	VR473.1K-3E100L/4C	48265	105	
1,8		M8 (5m)	2,2	23	743	61,85	VR473.1K-3E100L/4C	48786	105	
2,0		M8 (5m)	3,0	27	885	54,35	VR473.1K-3E100L/4D	48565	105	
2,3		M8 (5m)	3,0	31	777	47,37	VR473.1K-3E100L/4D	49048	107	
2,8	M8 (5m)	4,0	35	857	41,50	VR473.1K-3E112M/4D	48811	107		
3,4	M8 (5m)	4,0	42	708	34,28	VR473.1K-3E112M/4D	49221	114		
3,3	M8 (5m)	4,0	51	739	28,45	VR473.1K-112M/4-L05	49247	114		
Ø180	0,8	M7 (4m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	26779	64	369
	1,0	M7 (4m)	1,1	14	719	106,69	VR373.1K-3E90S/4C	25966	64	
	1,1	M7 (4m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	24440	66	
	1,3	M7 (4m)	1,5	18	733	79,34	VR373.1K-3E90L/4D	23507	66	
	1,5	M7 (4m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	21667	70	
	1,8	M6 (3m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	26295	70	
	2,0	M6 (3m)	3,0	28	972	52,30	VR373.1K-3E100L/4D	24827	73	
	2,5	M6 (3m)	3,0	35	773	41,42	VR373.1K-3E100L/4D	23590	73	
	2,9	M6 (3m)	4,0	41	885	35,49	VR373.1K-3E112M/4D	22034	77	
	3,2	M6 (3m)	4,0	45	802	32,11	VR373.1K-3E112M/4D	21572	77	
	0,7	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	0,8	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99	
	1,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	1,1	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	1,3	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

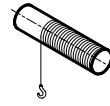
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø180	1,7	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105	370	
	1,9	M8 (5m)	2,2	27	743	54,35	VR473.1K-3E100L/4C	48786	105		
	2,2	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
	2,5	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107		
	3,0	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114		
	3,6	M8 (5m)	4,0	51	708	28,45	VR473.1K-3E112M/4D	49221	114		
Ø190	0,9	M6 (3m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	33431	64	369	
	1,0	M6 (3m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	31495	66		
	1,1	M5 (2m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	38350	66		
	1,4	M5 (2m)	2,2	18	1075	79,34	VR373.1K-3E100L/4C	35580	70		
	1,6	M5 (2m)	2,2	21	916	67,45	VR373.1K-3E100L/4C	34244	70		
	1,9	M5 (2m)	2,2	25	787	57,79	VR373.1K-3E100L/4C	32982	70		
	2,1	M5 (2m)	3,0	28	972	52,30	VR373.1K-3E100L/4D	31317	73		
	2,6	M4 (1Am)	3,0	35	773	41,42	VR373.1K-3E100L/4D	37091	73		
	3,0	M4 (1Am)	4,0	41	885	35,49	VR373.1K-3E112M/4D	34923	77		
	3,4	M4 (1Am)	4,0	45	802	32,11	VR373.1K-3E112M/4D	34080	77		
	0,8	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99		370
	0,9	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	45238	99		
	1,1	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101		
	1,1	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101		
	1,3	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105		
	1,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105		
	1,7	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	48265	105		
	2,0	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107		
	2,3	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107		
2,6	M8 (5m)	3,0	35	777	41,50	VR473.1K-3E100L/4D	49048	107			
3,2	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48811	114			
3,8	M8 (5m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	48468	124			
Ø200	0,9	M5 (2m)	1,1	12	818	121,67	VR373.1K-3E90S/4C	41793	64	369	
	1,1	M5 (2m)	1,5	14	981	106,69	VR373.1K-3E90L/4D	39534	66		
	1,2	M5 (2m)	1,5	15	869	94,32	VR373.1K-3E90L/4D	38350	66		
	1,4	M5 (2m)	2,2	18	1075	79,34	VR373.1K-3E100L/4C	35580	70		
	1,7	M4 (1Am)	2,2	21	916	67,45	VR373.1K-3E100L/4C	42870	70		
	2,0	M4 (1Am)	3,0	25	1073	57,79	VR373.1K-3E100L/4D	40270	73		
	2,2	M4 (1Am)	3,0	28	972	52,30	VR373.1K-3E100L/4D	39309	73		
	2,7	M4 (1Am)	4,0	35	1031	41,42	VR373.1K-3E112M/4D	36239	77		
	3,2	M4 (1Am)	4,0	41	885	35,49	VR373.1K-3E112M/4D	34923	77		
	0,8	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	55152	99		370
	0,9	M8 (5m)	1,1	12	820	121,49	VR473.1K-3E90S/4C	53814	99		
	1,1	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	52347	101		
	1,2	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	51433	101		
	1,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49025	105		
	1,6	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	48878	105		
	1,8	M8 (5m)	2,2	23	844	61,85	VR473.1K-3E100L/4C	49109	105		
	2,1	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48665	107		
	2,4	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48628	107		
	2,7	M8 (5m)	4,0	35	1036	41,50	VR473.1K-3E112M/4D	48144	114		
3,3	M8 (5m)	4,0	42	857	34,28	VR473.1K-3E112M/4D	48638	114			
4,0	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50127	124			
4,0	M8 (5m)	5,5	49	976	28,30	VR573.1K-3E132S/4C	80663	194	371		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

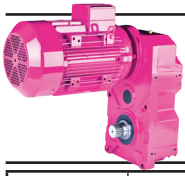
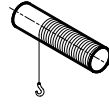
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv, Rad, Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per, O, Loads (Output)	Weight	Dim, Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul, Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	9,2	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	10,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	11,7	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	13,5	M8 (5m)	18,5	13	13216	116,84	VR873.1K-3E180M/4C	130718	875	
	15,3	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890	
	17,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	19,3	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	21,5	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	22,9	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	26,2	M8 (5m)	37	25	13710	60,33	VR873.1K-3E225S/4C	148175	1025	
	29,7	M8 (5m)	45	28	14691	53,03	VR873.1K-3E225M/4D	145751	1065	
	33,8	M8 (5m)	55	32	15821	46,82	VR873.1K-3E250M/4D	143228	1180	
Ø360	9,8	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	10,9	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	12,4	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	14,3	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	16,2	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890	
	18,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	20,5	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	22,8	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	24,2	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	27,7	M8 (5m)	45	25	16675	60,33	VR873.1K-3E225M/4D	145819	1065	
	31,5	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154747	1065	
	35,8	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180	
Ø380	10,3	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	11,5	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	13,1	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	15,1	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	17,1	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	19,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	21,6	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	24,1	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	25,6	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	29,2	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	33,2	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154747	1065	
	37,8	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180	
Ø400	10,8	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	12,1	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	13,8	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	15,9	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	18,0	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	20,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	22,8	M8 (5m)	37	18	18498	81,40	VR873.1K-3E225S/4C	137584	1025	
	25,3	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	26,9	M7 (4m)	37	21	15658	69,01	VR873.1K-3E225S/4C	155035	1025	
	30,8	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	35,0	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	
	39,8	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180	
Ø420	11,4	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	12,7	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	14,4	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	16,6	M8 (5m)	30	13	21431	116,84	VR873.1K-3E200L/4D	124175	965	
	18,9	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	21,3	M7 (4m)	30	16	16774	91,16	VR873.1K-3E200L/4D	148742	965	
	23,8	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	26,5	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	28,2	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	32,2	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	36,7	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

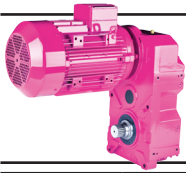
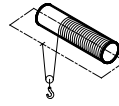
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø420	41,7	M7 (4m)	75	32	21573	46,82	VR873.1K-3G280S/4	147553	1310	374
Ø440	11,9	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	19280	875	374
	13,3	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	20601	890	
	15,2	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	18019	890	
	17,4	M8 (5m)	30	13	21431	116,84	VR873.1K-3E200L/4D	21431	965	
	19,8	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	18947	965	
	22,4	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	20687	1025	
	25,0	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	18498	1025	
	27,9	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	20225	1065	
	29,6	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	19043	1065	
	33,8	M7 (4m)	55	25	20380	60,33	VR873.1K-3E250M/4D	20380	1180	
	38,5	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	17955	1180	
	43,7	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	21573	1310	
	Ø460	12,5	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	
13,9		M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
15,9		M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
18,2		M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
20,7		M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
23,4		M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
26,2		M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
29,2		M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
30,9		M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
35,4		M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
40,2		M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
45,7		M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø480		13,0	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875
	14,5	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	16,6	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	19,0	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	21,6	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	24,4	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	27,3	M7 (4m)	45	18	22497	81,40	VR873.1K-3E225M/4D	146004	1065	
	30,4	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	32,3	M6 (3m)	45	21	19043	69,01	VR873.1K-3E225M/4D	162663	1065	
	36,9	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	42,0	M6 (3m)	75	28	24484	53,03	VR873.1K-3G280S/4	156353	1310	
	47,7	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	

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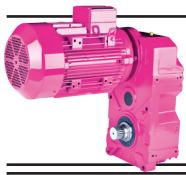
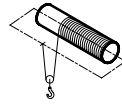
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø280	3,0	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	3,4	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	4,0	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	4,8	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	5,4	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	6,3	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359	
	7,4	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	8,5	M8 (5m)	15	19	6989	76,17	VR673.1K-3E160L/4D	108017	379	
	9,7	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	11,0	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379	
	9,5	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	373
	9,9	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	11,4	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	500	
	13,1	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529	
Ø300	3,2	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	3,6	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	4,3	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	5,1	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	5,8	M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359	
	6,8	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359	
	7,9	M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359	
	9,1	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	10,4	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	11,8	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408	
	7,1	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	373
	8,1	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	9,1	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	10,2	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
10,6	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
12,2	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
14,1	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	529		
Ø320	3,4	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	3,9	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	4,5	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	5,5	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	6,1	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359	
	7,2	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	8,4	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379	
	9,7	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	11,1	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	12,6	M6 (3m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	124887	408	
	5,7	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	373
	6,6	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	7,6	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	8,6	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
9,7	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
10,9	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
11,3	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	500		
13,0	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
15,0	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539		
Ø340	3,7	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	4,1	M8 (5m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	89848	302	
	4,8	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	5,8	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	6,5	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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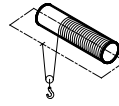
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qm} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite		
Ø340	7,7	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	372		
	8,9	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
	10,3	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	11,8	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
	13,4	M6 (3m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	124887	408			
	5,3	M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423	373		
	6,1	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
	7,0	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
	8,0	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480			
	9,1	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
	10,3	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
	11,5	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529			
	12,0	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
	13,9	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	529			
	15,9	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539			
	Ø360	3,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481		292	372
		4,4	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207		302	
		5,1	M7 (4m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	110822		302	
6,2		M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359			
6,9		M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359			
8,1		M7 (4m)	15	14	9330	102,10	VR673.1K-3E160L/4D	111606	359			
9,5		M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
10,9		M6 (3m)	15	19	6989	76,17	VR673.1K-3E160L/4D	124542	379			
12,5		M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
14,2		M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	408			
4,1		M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	373		
5,0		M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423			
5,6		M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	423			
6,4		M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
7,4		M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
8,5		M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500			
9,7		M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
10,9		M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
12,2	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529				
12,7	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529				
14,7	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539				
16,9	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	539				
Ø380	4,1	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302		372	
	4,6	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302			
	5,4	M7 (4m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	110822	302			
	6,5	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359			
	7,3	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359			
	8,6	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379			
	10,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379			
	11,5	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408			
	13,2	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
	15,0	M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	418			
	3,7	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373		
	4,4	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423			
	5,2	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423			
	5,9	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480			
	6,8	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480			
	7,9	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
	9,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500			
	10,2	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
11,5	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529				
12,9	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529				

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

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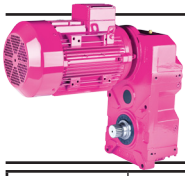
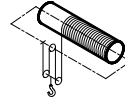
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø380	13,4	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	373
	15,5	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539	
	17,8	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585	
Ø400	4,3	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	4,8	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	5,7	M7 (4m)	11	9,0	10878	161,66	VR673.1K-3E160M/4C	106274	359	
	6,8	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	7,7	M6 (3m)	11	12	8061	119,86	VR673.1K-3E160M/4C	124533	359	
	9,0	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	10,5	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	12,1	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	13,9	M6 (3m)	22	22	8976	66,59	VR673.1K-3E180L/4D	121840	408	
	15,8	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	3,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	4,6	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	5,5	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423	
	6,2	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	7,1	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	8,3	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	9,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	10,7	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
12,1	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
13,6	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
14,1	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
16,3	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
18,7	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø420	4,5	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	5,1	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	6,0	M6 (3m)	11	9,0	10878	161,66	VR673.1K-3E160M/4C	122614	359	
	7,2	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	8,1	M6 (3m)	11	12	8061	119,86	VR673.1K-3E160M/4C	124533	359	
	9,5	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	11,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	12,7	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	14,6	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	16,6	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	4,1	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	4,8	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	5,8	M8 (5m)	11	8,8	11233	166,50	VR773.1K-3E160M/4C	125704	480	
	6,5	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	7,5	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	8,7	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	9,9	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	11,3	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
12,7	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
14,3	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539		
14,8	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
17,1	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	585		
19,7	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

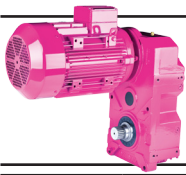
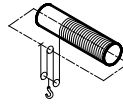
**8 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page		
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø230	1,6	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371		
	1,8	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177			
	2,1	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177			
	2,5	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	184			
	3,0	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
	3,4	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194			
	3,8	M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	194			
	4,5	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204			
	5,1	M7 (4m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	80785	204			
	6,2	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261			
	7,1	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261			
	7,9	M6 (3m)	11	44	2272	33,46	VR573.1K-3E160M/4C	86236	261			
	9,4	M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	281			
	3,0	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		372	
	3,5	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292			
	4,0	M8 (5m)	5,5	22	2259	66,59	VR673.1K-3E132S/4C	115595	292			
	4,5	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302			
	Ø240	1,7	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212		177	371
		1,9	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061		177	
2,2		M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177			
2,6		M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	184			
3,1		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
3,5		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194			
4,0		M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	194			
4,7		M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204			
5,3		M6 (3m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	86002	204			
6,5		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261			
7,4		M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261			
8,3		M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281			
9,8		M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	281			
3,1		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	372		
3,6		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292			
4,1		M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
4,7		M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302			
Ø250		1,7	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371	
		2,0	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177		
	2,2	M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	184			
	2,7	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184			
	3,3	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194			
	3,7	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194			
	4,2	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204			
	4,9	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204			
	5,5	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	204			
	6,8	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261			
	7,7	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261			
	8,6	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281			
	10,2	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281			
	2,8	M8 (5m)	4,0	14	2505	102,10	VR673.1K-3E112M/4D	110887	282	372		
	3,3	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292			
	3,8	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292			
	4,3	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
	4,9	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302			
	Ø260	1,8	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177		371
2,1		M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177			
2,3		M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

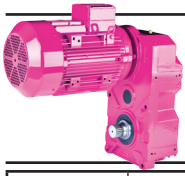
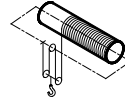
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø260	2,8	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	371
	3,4	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	3,8	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	4,3	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204	
	5,1	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	5,8	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	7,0	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	8,0	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	9,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	10,6	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	2,5	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	372
	2,9	M8 (5m)	5,5	14	2505	102,10	VR673.1K-3E112M/4D	110887	282	
	3,4	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	3,9	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
	4,5	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302	
	5,1	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
	Ø270	1,9	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177
2,1		M7 (4m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	72265	177	
2,4		M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
2,9		M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
3,5		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
4,0		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
4,5		M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204	
5,3		M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
6,0		M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
7,3		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
8,3		M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
9,3		M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
11,0		M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
2,2		M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372
2,5		M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
2,9		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
3,4		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
3,9	M8 (5m)	5,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
4,5	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302		
5,1	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø280	1,9	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371
	2,2	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	2,5	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
	3,0	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	3,7	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	4,1	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	4,7	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204	
	5,5	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	204	
	6,2	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	7,6	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261	
	8,6	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	9,7	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	11,4	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	1,5	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272	372
	1,7	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	2,0	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275	
	2,4	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	
2,7	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282		
3,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
3,7	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
4,2	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

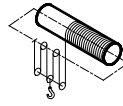
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø280	4,8	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302	372	
	5,5	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	302		
Ø290	2,0	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	2,3	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	2,6	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	3,1	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194		
	3,8	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194		
	4,3	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	4,8	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	5,7	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261		
	6,4	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261		
	7,9	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261		
	8,9	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	10,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	11,8	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311		
	1,5	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	1,7	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	2,0	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	2,5	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	2,8	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282		
	3,3	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	3,8	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
4,4	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
5,0	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
5,7	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			
Ø300	2,1	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	2,4	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	2,7	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	3,2	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194		
	3,9	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194		
	4,4	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	5,0	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	5,9	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261		
	6,6	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261		
	8,1	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	261		
	9,2	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	10,3	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	12,2	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311		
	1,6	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	1,8	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	2,1	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	2,5	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	2,9	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282		
	3,4	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	3,9	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
4,5	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
5,2	M8 (5m)	7,5	22	3081	66,59	VR673.1K-3E132M/4D	114515	302			
5,9	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

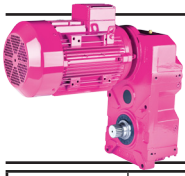
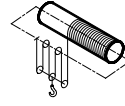
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	0,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,1	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	101	
	1,3	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,3	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	1,6	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	1,8	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	2,1	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	2,4	M7 (4m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	49391	114	
	2,7	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114	
	3,1	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	3,8	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	4,6	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	1,5	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	1,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	1,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	2,2	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
	2,5	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184	
	3,0	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	3,5	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
	3,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194	
4,6	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø180	1,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	1,1	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105	
	1,3	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	1,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	1,7	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	1,9	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	2,2	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114	
	2,5	M7 (4m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	49391	114	
	2,9	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	3,3	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	4,0	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134	
	4,9	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	1,6	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	371
	1,8	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	2,0	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	2,4	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
	2,6	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184	
	3,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	3,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
	4,1	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204	
4,9	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø190	1,0	M7 (4m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	47684	101	370
	1,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	1,4	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	1,5	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	
	1,8	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	2,0	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	2,3	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114	
	2,7	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114	
	3,1	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	3,5	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	4,2	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134	
	5,1	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134	
	0,9	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,1	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170	
	1,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

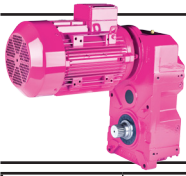
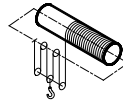
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	n ₂ [r.p.m]	M ₂ [Nm]	Übersetzung	Typ	F _{qam} [N]	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]			i			[kg]		
Ø190	1,3	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371	
	1,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	1,9	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	2,1	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
	2,5	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184		
	2,8	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
	3,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
	3,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	4,3	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
	5,1	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
	Ø200	1,1	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004		105
1,2		M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
1,5		M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
1,6		M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107		
1,9		M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
2,1		M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
2,5		M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
2,8		M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
3,2		M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
3,7		M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
4,5		M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
5,4		M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134		
0,9		M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371	
1,1		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	170		
1,2		M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
1,4		M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
1,7		M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
2,0		M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
2,2		M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
2,6		M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184		
2,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
3,6	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
4,1	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204			
4,6	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
5,4	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	204			
Ø210	1,2	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370	
	1,3	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	1,6	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107		
	1,7	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107		
	2,0	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107		
	2,3	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	2,6	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	3,0	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124		
	3,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	3,9	M5 (2m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	53672	124		
	4,7	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	5,7	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	191		
	1,0	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	1,1	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,3	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,5	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	1,8	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	2,1	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	2,3	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
	2,7	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184		
3,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
3,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
4,3	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204			
4,8	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

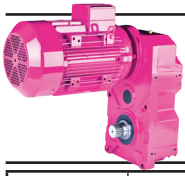
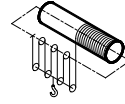
**8 t****6 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø210	5,7	M8 (5m)	11	51	1932	28,30	VR573.1K-3E160M/4C	79057	261	371	
Ø220	1,2	M7 (4m)	2,2	10	1862	138,35	VR473.1K-100L/4a-L04	46004	105	370	
	1,4	M7 (4m)	2,2	12	1640	121,49	VR473.1K-100L/4a-L04	46991	105		
	1,6	M6 (3m)	3,0	14	1875	101,48	VR473.1K-100L/4b-L04	50219	107		
	1,7	M6 (3m)	3,0	15	1773	95,87	VR473.1K-100L/4b-L04	50784	107		
	2,1	M6 (3m)	3,0	18	1500	81,00	VR473.1K-100L/4b-L04	51728	107		
	2,4	M6 (3m)	4,0	21	1748	70,59	VR473.1K-112M/4-L05	50870	114		
	2,7	M6 (3m)	4,0	23	1535	61,85	VR473.1K-112M/4-L05	51361	114		
	3,1	M5 (2m)	5,5	27	1845	54,35	VR473.1K-132S/4-L10	52940	124		
	3,5	M5 (2m)	5,5	31	1611	47,37	VR473.1K-132S/4-L10	53333	124		
	4,1	M5 (2m)	7,5	35	1929	41,50	VR473.1K-132M/4-L10	52214	134		
	4,9	M5 (2m)	7,5	43	1597	34,28	VR473.1K-132M/4-L10	52775	134		
	5,9	M4 (1Am)	11	51	1942	28,45	VR473.1K-160M/4-L20	53543	191		
	1,0	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	1,2	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,3	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,6	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	1,9	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	2,2	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	177		
	2,4	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
	2,9	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	184		
3,2	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
3,9	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	194			
4,5	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204			
5,0	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
6,0	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261			
Ø230	1,3	M4 (1Am)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	62819	105	370	
	1,4	M4 (1Am)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	61623	105		
Ø230	1,1	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371	
	1,2	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,4	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,6	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177		
	2,0	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	2,2	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184		
	2,5	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
	3,0	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194		
	3,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
	4,1	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204		
	4,7	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204		
	5,3	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
	6,2	M7 (4m)	11	52	1932	28,30	VR573.1K-3E160M/4C	82814	261		
Ø240	1,1	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371	
	1,3	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,4	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,7	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177		
	2,1	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	2,3	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184		
	2,6	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
	3,1	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194		
	3,5	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
	4,3	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204		
	4,9	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204		
	5,5	M7 (4m)	11	44	2287	33,46	VR573.1K-3E160M/4C	82099	261		
	6,5	M7 (4m)	11	52	1932	28,30	VR573.1K-3E160M/4C	82814	261		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

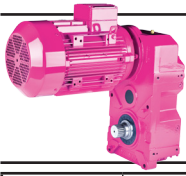
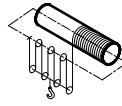
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qam} [N]	Gewicht	Maße Seite
									~	
Ø170	0,7	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	0,8	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	1,0	M8 (5m)	1,5	15	886	95,87	VR473.1K-3E90L/4D	46400	101	
	1,2	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,4	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	1,6	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	1,8	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	2,0	M8 (5m)	3,0	31	885	47,37	VR473.1K-3E100L/4D	48565	107	
	2,3	M8 (5m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	48313	114	
	2,8	M7 (5m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	114	
	3,4	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	2,6	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184	371
2,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
3,4	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø180	0,7	M8 (5m)	1,1	10	931	138,35	VR473.1K-3E90S/4C	44067	99	370
	0,8	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,0	M8 (5m)	1,5	14	937	101,48	VR473.1K-3E90L/4D	45331	101	
	1,1	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,3	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	1,7	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	1,9	M8 (5m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	48020	107	
	2,2	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	2,5	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	3,0	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	3,6	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	2,4	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184	371
2,7	M8 (5m)	4,0	39	934	37,64	VR573.1K-3E112M/4D	79521	184		
3,1	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
3,6	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø190	0,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	0,9	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,1	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,1	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,3	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,5	M8 (5m)	2,2	21	961	70,59	VR473.1K-3E100L/4C	47676	105	
	1,7	M8 (5m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	47395	107	
	2,0	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107	
	2,3	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114	
	2,6	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114	
	3,2	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124	
	3,8	M7 (4m)	5,5	51	974	28,45	VR473.1K-3E132S/4C	50316	124	
	2,1	M8 (5m)	3,0	28	971	51,97	VR573.1K-3E100L/4D	78210	177	371
2,6	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
2,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
3,3	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
3,8	M8 (5m)	5,5	52	970	28,30	VR573.1K-3E132S/4C	80637	194		
Ø200	0,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	0,9	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,1	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,2	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,4	M8 (5m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	47006	105	
	1,6	M8 (5m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	46685	107	
	1,8	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

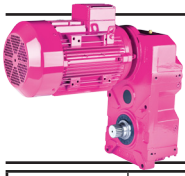
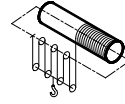
**8 t****8 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø200	2,1	M7 (4m)	3,0	27	1013	54,35	VR473.1K-3E100L/4D	50346	107	370	
	2,4	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114		
	2,8	M7 (4m)	4,0	35	1029	41,50	VR473.1K-3E112M/4D	50379	114		
	3,3	M7 (4m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	49854	124		
	4,0	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134		
	2,0	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177	371	
	2,2	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184		
	2,7	M8 (5m)	4,0	34	1056	42,62	VR573.1K-3E112M/4D	78483	184		
	3,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	3,4	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
	4,1	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		
	Ø210	0,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107		101
	1,0	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101		
	1,2	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105		
1,2	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105			
1,5	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105			
1,7	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107			
1,9	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107			
2,2	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114			
2,5	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114			
2,9	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124			
3,5	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124			
4,2	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134			
1,7	M8 (5m)	3,0	21	1285	77,63	VR573.1K-3E100L/4D	75564	174	371		
2,0	M8 (5m)	3,0	25	1089	69,00	VR573.1K-3E100L/4D	76851	177			
2,3	M8 (5m)	4,0	28	1295	58,36	VR573.1K-3E112M/4D	77685	177			
2,8	M8 (5m)	5,5	34	1452	51,97	VR573.1K-3E132S/4C	77840	184			
3,2	M8 (5m)	5,5	39	1285	42,62	VR573.1K-3E132S/4C	78953	184			
3,6	M8 (5m)	5,5	44	1144	37,64	VR573.1K-3E132S/4C	79948	194			
4,3	M8 (5m)	7,5	52	1322	33,46	VR573.1K-3E132M/4D	80066	194			
4,1	M8 (5m)	7,5	49	1380	28,30	VR573.1K-132M/4-L10	80199	204			
Ø220	0,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107		101	370
1,0	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101			
1,2	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105			
1,3	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105			
1,5	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107			
1,8	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107			
2,0	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107			
2,3	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114			
2,6	M7 (4m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	49917	114			
3,0	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124			
3,7	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124			
4,4	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134			
1,6	M8 (5m)	3,0	19	1443	87,90	VR573.1K-3E100L/4D	71396	174	371		
1,8	M8 (5m)	3,0	21	1285	77,63	VR573.1K-3E100L/4D	73543	177			
2,1	M8 (5m)	4,0	25	1452	69,00	VR573.1K-3E112M/4D	73976	177			
2,4	M8 (5m)	4,0	28	1295	58,36	VR573.1K-3E112M/4D	75648	184			
3,0	M8 (5m)	5,5	34	1452	51,97	VR573.1K-3E132S/4C	75555	184			
3,3	M8 (5m)	5,5	39	1285	42,62	VR573.1K-3E132S/4C	76931	194			
3,8	M8 (5m)	5,5	44	1144	37,64	VR573.1K-3E132S/4C	78149	194			
4,5	M8 (5m)	7,5	52	1322	33,46	VR573.1K-3E132M/4D	77985	194			
4,3	M8 (5m)	7,5	49	1380	28,30	VR573.1K-132M/4-L10	78029	204			
Ø230	0,9	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107		101	370
1,1	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105			
1,3	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

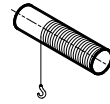
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105	370
	1,6	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	1,9	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	2,1	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114	
	2,4	M7 (4m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	49389	114	
	2,8	M6 (3m)	4,0	31	1180	47,37	VR473.1K-3E112M/4D	52173	114	
	3,2	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	3,8	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	4,6	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51205	134	
	1,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371
	1,5	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174	
	1,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	1,9	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	2,2	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	2,5	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	3,1	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	3,5	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
	3,9	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204	
	4,7	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204	
Ø240	1,0	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	54193	101	370
	1,1	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	56302	105	
	1,3	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	55299	105	
	1,4	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	53959	105	
	1,7	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	50871	107	
	1,9	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	50609	107	
	2,2	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	49674	114	
	2,5	M6 (3m)	4,0	27	1351	54,35	VR473.1K-3E112M/4D	52498	114	
	2,9	M6 (3m)	5,5	31	1622	47,37	VR473.1K-3E132S/4C	50987	124	
	3,3	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51249	124	
	4,0	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50483	134	
	4,8	M6 (3m)	7,5	51	1328	28,45	VR473.1K-3E132M/4D	51009	134	
	1,3	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371
	1,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,8	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	2,0	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	2,3	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184	
	2,6	M8 (5m)	4,0	28	1295	51,97	VR573.1K-3E112M/4D	77685	184	
	3,2	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
3,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
4,1	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
4,9	M8 (5m)	7,5	52	1322	28,30	VR573.1K-3E132M/4D	80066	204		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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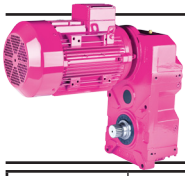
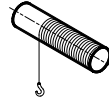
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø360	9,8	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374		
	10,9	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890			
	12,4	M8 (5m)	22	11	18080	134,22	VR873.1K-3E180L/4D	121311	890			
	14,3	M8 (5m)	30	13	21431	116,84	VR873.1K-3E200L/4D	124175	965			
	16,2	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965			
	18,3	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145627	1025			
	20,5	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149190	1025			
	22,8	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065			
	24,2	M7 (4m)	45	21	19056	69,01	VR873.1K-3E225M/4D	152342	1065			
	27,8	M7 (4m)	55	25	20325	60,33	VR873.1K-3E250M/4D	151965	1180			
	31,6	M6 (3m)	55	28	17895	53,03	VR873.1K-3E250M/4D	161552	1180			
	35,9	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310			
Ø380	10,3	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374		
	11,5	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890			
	13,1	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965			
	15,1	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965			
	17,1	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965			
	19,3	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145627	1025			
	21,7	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149190	1025			
	24,1	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065			
	25,5	M6 (3m)	45	21	19056	69,01	VR873.1K-3E225M/4D	162664	1065			
	29,3	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161462	1180			
	33,3	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156363	1310			
	37,8	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310			
	Ø400	10,9	M8 (5m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	96646		890	374
		12,1	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124		890	
13,8		M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965			
15,9		M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965			
18,0		M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	1025			
20,4		M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145627	1025			
22,8		M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158349	1065			
25,4		M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160601	1065			
26,9		M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159288	1180			
30,9		M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161462	1180			
35,1		M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156363	1310			
39,8		M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310			
Ø420		11,4	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374	
		12,7	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890		
	14,4	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965			
	16,6	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965			
	18,9	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	1025			
	21,4	M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159360	1025			
	23,9	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158349	1065			
	26,7	M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160601	1065			
	28,2	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159288	1180			
	32,4	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161462	1180			
	36,9	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156363	1310			
	41,8	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310			
	Ø440	12,0	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890		374
13,3		M7 (4m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	127139	890			
15,1		M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965			
17,4		M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965			
19,8		M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970			
22,4		M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155795	1065			
25,1		M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158349	1065			
27,9		M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157021	1180			
29,6		M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159288	1180			
33,9		M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155563	1310			
38,6		M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166532	1310			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

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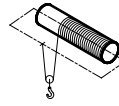
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø440	43,8	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	374
Ø460	12,5	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	13,9	M7 (4m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	127139	890	
	15,8	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	18,2	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	20,7	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	23,4	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	26,2	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	29,2	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	30,9	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	35,5	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	40,4	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
	45,8	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370	
	Ø480	13,1	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890
14,5		M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
16,5		M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
19,0		M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
21,6		M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
24,4		M5 (2m)	45	16	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
27,4		M5 (2m)	55	18	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
30,5		M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
32,3		M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
37,0		M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
42,1		M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
47,8		M4 (1Am)	90	32	25836	46,82	VR873.1K-3G280M/4	174140	1370	
Ø500		13,6	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890
	15,1	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	17,2	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	19,8	M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
	25,5	M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	28,5	M5 (2m)	55	16	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	31,7	M5 (2m)	55	18	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	33,6	M5 (2m)	75	20	31760	69,01	VR873.1K-3G280S/4	163755	1310	
	38,6	M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
	43,9	M4 (1Am)	75	25	24402	53,03	VR873.1K-3G280S/4	177292	1310	
	49,8	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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Kompakt Motor / Compact Motor / Kompaktmotor

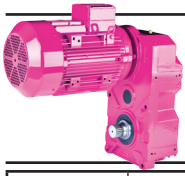
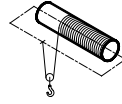
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø300	3,2	M7 (4m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	104696	292	372	
	3,6	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	4,3	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302		
	5,1	M7 (4m)	11	11	9001	134,51	VR673.1K-3E160M/4C	109499	359		
	5,8	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359		
	6,8	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	7,9	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	9,1	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	379		
	10,4	M6 (3m)	18,5	22	7523	66,59	VR673.1K-3E180M/4C	123710	408		
	11,8	M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	418		
	2,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	3,4	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	4,1	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423		
	4,6	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	5,4	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	6,2	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	7,1	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	8,1	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	9,1	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	500		
10,2	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529			
10,6	M8 (5m)	18,5	22	7431	65,59	VR773.1K-3E180M/4C	148034	529			
12,2	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539			
14,1	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585			
Ø320	3,4	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	3,9	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	4,6	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359		
	5,5	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359		
	6,2	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
	7,2	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	8,4	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	9,7	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408		
	11,1	M6 (3m)	22	22	8946	66,59	VR673.1K-3E180L/4D	121840	408		
	12,6	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418		
	3,1	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	3,7	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	4,4	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	423		
	5,0	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	5,7	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	6,6	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	7,6	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	8,6	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	9,7	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
10,9	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529			
11,3	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	529			
13,0	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539			
15,0	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585			
Ø340	3,7	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	4,1	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302		
	4,8	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	5,8	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359		
	6,5	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	359		
	7,7	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	8,9	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	379		
	10,3	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408		
	11,8	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418		
	13,4	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464		
	3,3	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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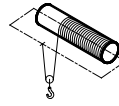
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	n ₂ [r.p.m]	M ₂ [Nm]	Übersetzung	Typ	F _{qam} [N]	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]			i			[kg]		
Ø340	3,9	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	373	
	4,7	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	5,3	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	6,1	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	7,0	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	8,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	9,1	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	500		
	10,3	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
	11,6	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539		
	12,0	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539		
	13,8	M8 (5m)	30	26	10492	56,82	VR773.1K-3E200L/4D	142970	585		
	15,9	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø360	3,9	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	127019	302	372	
	4,4	M6 (3m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	127223	302		
	5,1	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	6,2	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359		
	6,9	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379		
	8,1	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	9,5	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408		
	10,9	M5 (2m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	131671	408		
	12,5	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418		
	14,2	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464		
	3,5	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373
	4,1	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	5,0	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	5,6	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	6,5	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
	7,4	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	8,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	9,7	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
10,9	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529			
12,3	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539			
12,7	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539			
14,6	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585			
16,9	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585			
Ø380	4,1	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	127019	302	372	
	4,6	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359		
	5,4	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	6,5	M6 (3m)	15	11	12274	134,51	VR673.1K-3E160L/4D	118902	359		
	7,3	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379		
	8,6	M5 (2m)	15	14	9330	102,10	VR673.1K-3E160L/4D	133758	379		
	10,0	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408		
	11,6	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	418		
	13,2	M5 (2m)	30	22	12199	66,59	VR673.1K-3E200L/4D	125993	418		
	15,0	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464		
	3,7	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373
	4,4	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423		
	5,2	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	5,9	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	6,8	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
	7,9	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	9,0	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	500		
	10,2	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
	11,5	M8 (5m)	22	19	10273	76,29	VR773.1K-3E180L/4D	143899	539		
	12,9	M7 (4m)	22	22	9172	68,02	VR773.1K-3E180L/4D	155561	539		
	13,4	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	539		
	15,4	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
	17,8	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

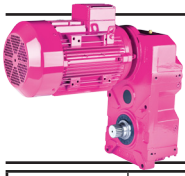
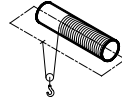
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	12,8	M8 (5m)	22	21	9329	69,01	VR873.1K-3E180L/4D	150258	890	374
	14,5	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965	
	16,6	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965	
	18,8	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025	
Ø400	4,3	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	127019	302	372
	4,9	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359	
	5,7	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	6,9	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379	
	7,7	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379	
	9,0	M5 (2m)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	130898	379	
	10,5	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	12,2	M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418	
	3,9	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	4,6	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
	5,5	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	6,2	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	7,2	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	8,3	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	9,5	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529	
	10,7	M7 (4m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	153284	529	
	12,1	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539	
	13,6	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585	
	14,1	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585	
	16,2	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585	
18,7	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
11,3	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	374	
12,7	M8 (5m)	22	20	9888	73,09	VR873.1K-3E180L/4D	146980	890		
13,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
15,3	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
17,5	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965		
19,8	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø420	4,5	M5 (2m)	11	6,8	14283	213,15	VR673.1K-3E160M/4C	153401	359	372
	5,1	M5 (2m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	145979	359	
	6,0	M5 (2m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	141576	359	
	7,2	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379	
	8,1	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379	
	9,5	M4 (1Am)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	143568	408	
	11,0	M4 (1Am)	22	17	11789	87,77	VR673.1K-3E180L/4D	139905	408	
	12,8	M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418	
	4,1	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	4,8	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
	5,8	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	6,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	7,5	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	8,7	M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500	
	9,9	M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529	
	11,3	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539	
	12,7	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539	
	14,3	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585	
	14,8	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585	
	17,1	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585	
19,7	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
9,4	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875	374	
10,6	M8 (5m)	18,5	16	10379	91,16	VR873.1K-3E180M/4C	141084	875		
11,9	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

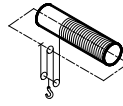
**10 t****2 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø420	13,3	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	374	
	14,1	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	16,1	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
	18,3	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147840	1025		
	20,8	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø440	4,3	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-132M/4-L10	111863	423	373	
	5,1	M8 (5m)	11	7,3	13442	200,14	VR773.1K-160M/4-L20	117932	480		
	6,1	M8 (5m)	11	8,8	11195	166,50	VR773.1K-160M/4-L20	125657	480		
	6,8	M7 (4m)	15	9,9	13632	148,95	VR773.1K-160L/4-L20	144686	500		
	7,9	M7 (4m)	15	11	11783	128,81	VR773.1K-160L/4-L20	148048	500		
	9,1	M7 (4m)	15	13	10224	111,53	VR773.1K-160L/4-L20	150802	500		
	10,4	M7 (4m)	18,5	15	11049	97,55	VR773.1K-180M/4-L30	150936	529		
	11,8	M7 (4m)	22	17	11602	85,99	VR773.1K-180L/4-L30	151295	539		
	13,4	M7 (4m)	22	19	10273	76,29	VR773.1K-180L/4-L30	153560	539		
	15,0	M6 (3m)	30	22	12508	68,02	VR773.1K-200L/4-L40	161310	585		
	15,5	M6 (3m)	30	22	12050	65,59	VR773.1K-200L/4-L40	161288	585		
	17,9	M6 (3m)	30	26	10492	56,82	VR773.1K-200L/4-L40	160997	585		
	8,7	M8 (5m)	15	13	10752	116,84	VR873.1K-3E160L/4D	132750	825		374
	9,9	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
	11,1	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890		
	12,5	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
	13,9	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
	14,8	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
16,8	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965			
19,2	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147840	1025			
21,8	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

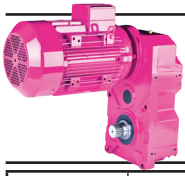
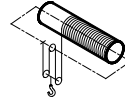
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø270	2,2	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
	2,4	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	2,9	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	3,5	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204	
	4,0	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204	
	4,5	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	5,3	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	6,0	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261	
	7,3	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281	
	8,3	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281	
	9,3	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	11,0	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	311	
	1,4	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,6	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	1,9	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	2,3	M8 (5m)	4,0	11	3296	134,51	VR673.1K-3E112M/4D	104667	282	
	2,6	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	3,0	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	3,5	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
4,1	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302		
4,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,3	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø280	2,2	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371
	2,5	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	3,0	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	3,7	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204	
	4,1	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204	
	4,7	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	5,5	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	6,2	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261	
	7,6	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	8,6	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281	
	9,7	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	11,4	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320	
	1,5	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,7	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	2,0	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	2,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,7	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	3,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	3,7	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
4,2	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302		
4,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,5	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290	2,3	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	184	371
	2,6	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	3,1	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	3,8	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	4,3	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204	
	4,9	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	5,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	6,4	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261	
	7,9	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	8,9	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	281	
	10,0	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	11,8	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

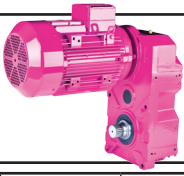
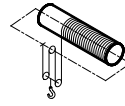
**10 t****4 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø270	2,2	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371	
	2,4	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	2,9	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	3,5	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	4,0	M6 (3m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	83614	204		
	4,5	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	5,3	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	6,0	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	7,3	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	8,3	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281		
	9,3	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	11,0	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	311		
	Ø280	1,4	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
		1,6	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
		1,9	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
		2,3	M8 (5m)	4,0	11	3296	134,51	VR673.1K-3E112M/4D	104667	282	
		2,6	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
		3,0	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
		3,5	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
		4,1	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302	
4,7		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,3		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø280	2,2	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371	
	2,5	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	3,0	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	3,7	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	4,1	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204		
	4,7	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	5,5	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	6,2	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	7,6	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	8,6	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281		
	9,7	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	11,4	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320		
	Ø290	1,5	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
		1,7	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
		2,0	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
		2,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
		2,7	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
		3,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
		3,7	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
		4,2	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302	
4,9		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,5		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290	2,3	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	184	371	
	2,6	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	3,1	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	3,8	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204		
	4,3	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204		
	4,9	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	5,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	6,4	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261		
	7,9	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	8,9	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	281		
10,0	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311			
11,8	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

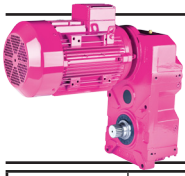
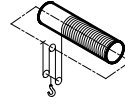
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø290	1,5	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,7	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	2,1	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	2,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,8	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	3,3	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	3,8	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	4,4	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	302	
	5,0	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
5,7	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø300	2,4	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	2,7	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	3,2	M6 (3m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	81646	194	
	3,9	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	4,4	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	204	
	5,0	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	5,9	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	6,7	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	8,1	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	9,2	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	10,4	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	12,2	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320	
	1,6	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,8	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	2,1	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
2,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
2,9	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292		
3,4	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302		
3,9	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302		
4,5	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359		
5,2	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,9	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø310	2,5	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	2,8	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	3,3	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	4,1	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	4,6	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	5,2	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	6,1	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	6,9	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	8,4	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	9,5	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	10,7	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	1,7	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,9	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	2,2	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	2,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
3,0	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292		
3,5	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302		
4,1	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302		
4,7	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359		
5,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
6,1	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø320	2,6	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

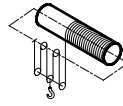
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	2,9	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	371
	3,4	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	4,2	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	4,7	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	5,4	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	6,3	M4 (1Am)	11	25	3938	58,36	VR573.1K-3E160M/4C	96061	261	
	7,1	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	8,7	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	1,7	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,9	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	2,3	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	2,7	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	3,1	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	3,6	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	4,2	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	4,8	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	5,5	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	6,3	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359	
	Ø330	2,6	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194
3,0		M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
3,5		M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
4,3		M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
4,9		M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
5,5		M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
6,5		M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	261	
7,3		M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
8,5		M4 (1Am)	15	34	4134	42,62	VR573.1K-160L/4-L20	93867	281	
1,8		M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
2,0		M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
2,3		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	282	
2,8		M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
3,2		M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
3,7		M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
4,3		M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
5,0		M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
5,7		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
6,5		M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	359	
Ø340	2,7	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	3,1	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	3,6	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	4,4	M5 (2m)	11	17	5920	87,90	VR573.1K-3E160M/4C	88266	261	
	5,0	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	5,7	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	6,7	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	7,5	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	1,8	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	2,0	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	2,4	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	2,9	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	3,3	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
	3,8	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	4,5	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	359	
	5,1	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	5,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	6,7	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

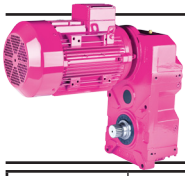
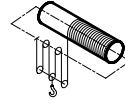
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	0,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	1,1	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	1,3	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107	
	1,3	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	
	1,6	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	1,8	M6 (3m)	4,0	21	1736	70,59	VR473.1K-3E112M/4D	50876	114	
	2,1	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	2,4	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	2,7	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	3,1	M5 (2m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	53672	124	
	3,8	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	4,6	M5 (2m)	11	52	1935	28,45	VR473.1K-3E160M/4C	51472	191	
	0,8	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	0,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,0	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	1,5	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,7	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	1,9	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,2	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
2,5	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
3,0	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
3,5	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
3,9	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
4,6	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261		
Ø180	1,0	M5 (2m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	56548	105	370
	1,1	M5 (2m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	56227	105	
	1,3	M5 (2m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	54502	107	
	1,4	M5 (2m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	54657	107	
	1,7	M4 (1Am)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	58390	107	
	1,9	M4 (1Am)	4,0	21	1736	70,59	VR473.1K-3E112M/4D	56991	114	
	2,2	M4 (1Am)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	57020	114	
	2,5	M4 (1Am)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	55630	124	
	2,9	M4 (1Am)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	55843	124	
	0,8	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	1,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,3	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,8	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,0	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,4	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,6	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	3,2	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,7	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
4,1	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
4,9	M7 (4m)	11	52	1926	28,30	VR573.1K-3E160M/4C	82806	261		
Ø190	0,9	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,3	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,9	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,1	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,5	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,8	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	3,4	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

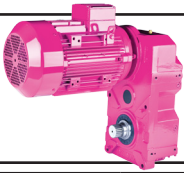
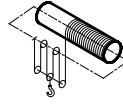
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{gsm} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø190	3,9	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	371
	4,4	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	204	
	5,2	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
Ø200	0,9	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,1	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,2	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,4	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,7	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	2,0	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,2	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,6	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	3,6	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	4,1	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	4,6	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	5,4	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
	Ø210	1,0	M8 (5m)	2,2	8,9	2292	163,77	VR573.1K-3E100L/4C	55515	
1,1		M8 (5m)	2,2	10	2011	143,35	VR573.1K-3E100L/4C	62205	174	
1,3		M8 (5m)	3,0	11	2431	126,81	VR573.1K-3E100L/4D	65923	177	
1,5		M8 (5m)	3,0	14	2060	107,18	VR573.1K-3E100L/4D	69140	177	
1,8		M8 (5m)	4,0	16	2256	87,90	VR573.1K-3E112M/4D	70510	184	
2,1		M8 (5m)	4,0	19	1995	77,63	VR573.1K-3E112M/4D	72888	184	
2,3		M8 (5m)	5,5	21	2442	69,00	VR573.1K-3E132S/4C	73797	194	
2,7		M8 (5m)	5,5	25	2070	58,36	VR573.1K-3E132S/4C	75349	194	
3,1		M8 (5m)	5,5	28	1846	51,97	VR573.1K-3E132S/4C	76869	194	
3,8		M7 (5m)	7,5	34	2067	42,62	VR573.1K-3E132M/4D	76984	204	
4,3		M7 (5m)	7,5	39	1829	37,64	VR573.1K-3E132M/4D	78184	204	
4,8		M7 (5m)	11	44	2387	33,46	VR573.1K-3E160M/4C	78086	261	
5,7		M7 (5m)	11	52	2024	28,30	VR573.1K-3E160M/4C	79050	261	
Ø220		1,0	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174
	1,2	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,3	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	1,6	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,9	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	2,2	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,4	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	2,9	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	3,2	M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
	3,9	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	4,5	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
	5,0	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	6,0	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
	Ø230	1,1	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174
1,2		M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
1,4		M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
1,6		M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
2,0		M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
2,2		M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
2,5		M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
3,0		M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
3,4		M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
4,1		M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
4,7		M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
Ø240	1,1	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

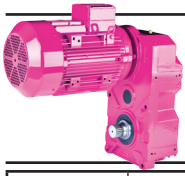
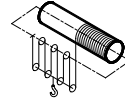
**10 t****6 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø240	1,4	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	371
	1,7	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	2,1	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	2,3	M8 (5m)	5,5	19	2646	77,63	VR573.1K-3E132S/4C	71718	194	
	2,7	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	3,1	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	3,5	M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
	4,3	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	4,9	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
	5,5	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	6,5	M8 (5m)	15	52	2626	28,30	VR573.1K-3E160L/4D	77914	281	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

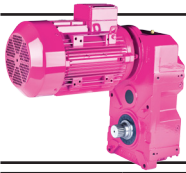
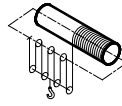
**10 t****8 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø170	0,7	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
	0,8	M8 (5m)	1,5	12	1118	121,49	VR473.1K-3E90L/4D	44393	101	
	1,0	M8 (5m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	44091	105	
	1,0	M8 (5m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	45228	105	
	1,2	M7 (4m)	2,2	18	1100	81,00	VR473.1K-3E100L/4C	49870	105	
	1,4	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107	
	1,6	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107	
	1,8	M7 (4m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	49391	114	
	2,1	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114	
	2,3	M7 (4m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	49286	124	
	2,8	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124	
	3,4	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134	
	1,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	371
	1,4	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177	
	1,7	M8 (5m)	3,0	25	1089	58,36	VR573.1K-3E100L/4D	76851	177	
	1,9	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184	
	2,3	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194	
	2,6	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194	
	2,9	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194	
	3,5	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204	
Ø180	0,7	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	
0,8	M8 (5m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	42914	105		
1,0	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
1,1	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
1,3	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
1,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
1,7	M7 (4m)	3,0	23	1151	61,85	VR473.1K-3E100L/4D	49876	107		
1,9	M7 (4m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	49391	114		
2,2	M7 (4m)	4,0	31	1172	47,37	VR473.1K-3E112M/4D	49917	114		
2,5	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
3,0	M6 (3m)	5,5	43	1171	34,28	VR473.1K-3E132S/4C	51856	124		
3,6	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134		
1,0	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371	
1,2	M8 (5m)	2,2	16	1196	87,90	VR573.1K-3E100L/4C	72098	174		
1,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
1,5	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
1,8	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
2,0	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
2,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
2,7	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
3,1	M8 (5m)	5,5	44	1144	33,46	VR573.1K-3E132S/4C	79948	194		
3,7	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø190	0,8	M8 (5m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	43107	101	370
0,9	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
1,1	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
1,1	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
1,3	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
1,5	M7 (4m)	3,0	21	1311	70,59	VR473.1K-3E100L/4D	49343	107		
1,7	M7 (4m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	48788	114		
2,0	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
2,3	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
2,6	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
3,2	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
3,8	M6 (3m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	51208	134		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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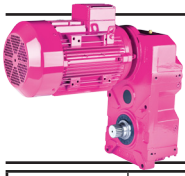
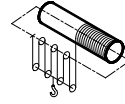
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	1,0	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	371	
	1,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	174		
	1,4	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	1,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177		
	1,9	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
	2,1	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184		
	2,6	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
	2,9	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194		
	3,3	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
	3,9	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204		
Ø200	0,8	M7 (4m)	1,5	10	1269	138,35	VR473.1K-3E90L/4D	47684	101	370	
	0,9	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	1,1	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	1,2	M7 (4m)	2,2	15	1300	95,87	VR473.1K-3E100L/4C	48582	105		
	1,4	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	1,6	M7 (4m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	48104	114		
	1,8	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	2,1	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
	2,4	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	2,8	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	3,3	M6 (3m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	50648	134		
	4,0	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134		
	0,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	0,8	M8 (5m)	1,5	10	1322	143,35	VR573.1K-3E90L/4D	63206	170		
	0,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,1	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
1,3	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177			
1,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177			
1,6	M8 (5m)	3,0	21	1285	69,00	VR573.1K-3E100L/4D	75564	177			
2,0	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184			
2,2	M8 (5m)	4,0	28	1286	51,97	VR573.1K-3E112M/4D	77651	184			
2,7	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
3,0	M8 (5m)	5,5	39	1285	37,64	VR573.1K-3E132S/4C	78953	194			
3,4	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
4,1	M8 (5m)	7,5	52	1318	28,30	VR573.1K-3E132M/4D	80055	204			
Ø210	0,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370	
	1,0	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	1,2	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105		
	1,2	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107		
	1,5	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107		
	1,7	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	1,9	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	2,2	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114		
	2,5	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	2,9	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124		
	3,5	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	4,2	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	134		
	0,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	0,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	170		
	0,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,1	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
1,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177			
1,5	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177			
1,7	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184			
2,0	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184			
2,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
2,8	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

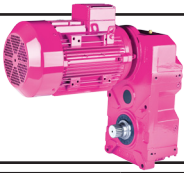
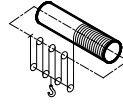
**10 t****8 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qm} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø210	3,2	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	371	
	3,6	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204		
	4,3	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	204		
Ø220	1,0	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370	
	1,2	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105		
	1,3	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	46330	107		
	1,5	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107		
	1,8	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107		
	2,0	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	2,3	M6 (3m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	51361	114		
	2,7	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124		
	3,0	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124		
	3,7	M5 (2m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	53672	124		
	3,5	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	4,2	M5 (2m)	11	51	2033	28,45	VR473.1K-160M/4-L20	51344	191		
	0,8	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	0,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,0	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
	1,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174		
	1,4	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177		
	1,6	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177		
	1,8	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184		
	2,1	M8 (5m)	4,0	25	1452	58,36	VR573.1K-3E112M/4D	76262	184		
2,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
3,0	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194			
3,3	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204			
3,8	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
4,5	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261			
Ø230	0,9	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370	
	1,1	M6 (3m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	51366	105		
	1,3	M6 (3m)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	50219	107		
	1,4	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107		
	1,6	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107		
	1,9	M6 (3m)	4,0	21	1748	70,59	VR473.1K-3E112M/4D	50870	114		
	2,1	M5 (2m)	4,0	23	1535	61,85	VR473.1K-3E112M/4D	54122	114		
	2,4	M5 (2m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	52940	124		
	2,8	M5 (2m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	53333	124		
	3,2	M5 (2m)	7,5	35	1929	41,50	VR473.1K-3E132M/4D	52214	134		
	3,8	M5 (2m)	7,5	43	1597	34,28	VR473.1K-3E132M/4D	52775	134		
	0,8	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170		371
	0,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,0	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		
1,2	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174			
1,5	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177			
1,7	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	177			
1,9	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184			
2,2	M8 (5m)	5,5	25	1996	58,36	VR573.1K-3E132S/4C	75379	184			
2,5	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194			
3,1	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	194			
3,5	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204			
3,9	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204			
4,7	M8 (5m)	11	52	1932	28,30	VR573.1K-3E160M/4C	79057	261			
Ø240	0,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	170	371	
	1,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174		
	1,1	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

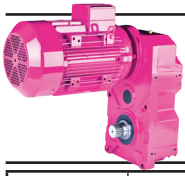
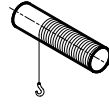
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø240	1,3	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	371
	1,6	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,8	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,0	M8 (5m)	4,0	21	1713	69,00	VR573.1K-3E112M/4D	74870	184	
	2,3	M8 (5m)	5,5	25	1996	58,36	VR573.1K-3E132S/4C	75379	194	
	2,6	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	3,2	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,7	M8 (5m)	7,5	39	1752	37,64	VR573.1K-3E132M/4D	78195	204	
	4,1	M8 (5m)	7,5	44	1560	33,46	VR573.1K-3E132M/4D	79274	204	
	4,9	M7 (4m)	11	52	1932	28,30	VR573.1K-3E160M/4C	82814	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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**12,5 t****1 / 1**

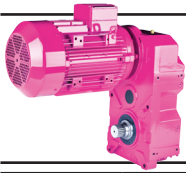
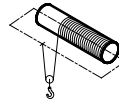
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qm} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite		
Ø360	9,8	M7 (4m)	22	8,6	22927	170,32	VR873.1K-3E180L/4D	122983	890	374		
	10,9	M7 (4m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	127098	890			
	12,4	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965			
	14,3	M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970			
	16,3	M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970			
	18,3	M6 (3m)	45	16	25126	91,16	VR873.1K-3E225M/4D	155794	1065			
	20,5	M6 (3m)	45	18	22467	81,40	VR873.1K-3E225M/4D	158348	1065			
	22,9	M6 (3m)	55	20	24603	73,09	VR873.1K-3E250M/4D	157033	1180			
	24,3	M6 (3m)	55	21	23212	69,01	VR873.1K-3E250M/4D	159301	1180			
	27,8	M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310			
	31,7	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310			
	35,9	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370			
	Ø380	10,3	M6 (3m)	22	8,6	22927	170,32	VR873.1K-3E180L/4D	154854		890	374
		11,5	M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412		890	
13,1		M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965			
15,1		M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970			
17,2		M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970			
19,3		M6 (3m)	45	16	25126	91,16	VR873.1K-3E225M/4D	155794	1065			
21,7		M5 (2m)	55	18	27460	81,40	VR873.1K-3E250M/4D	167961	1180			
24,2		M5 (2m)	55	20	24603	73,09	VR873.1K-3E250M/4D	169292	1180			
25,6		M5 (2m)	55	21	23212	69,01	VR873.1K-3E250M/4D	170518	1180			
29,4		M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310			
33,4		M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310			
37,8		M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370			
Ø400		10,8	M6 (3m)	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	148197	890	374	
		12,1	M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412	890		
	13,8	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965			
	15,9	M5 (2m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970			
	20,4	M5 (2m)	45	14	25126	91,16	VR873.1K-3E225M/4D	171051	1065			
	22,8	M5 (2m)	55	16	27460	81,40	VR873.1K-3E250M/4D	167961	1180			
	25,5	M5 (2m)	55	18	24603	73,09	VR873.1K-3E250M/4D	169292	1180			
	27,0	M5 (2m)	75	20	31653	69,01	VR873.1K-3G280S/4	163784	1310			
	30,9	M4 (1Am)	75	21	27660	60,33	VR873.1K-3G280S/4	176729	1310			
	35,2	M4 (1Am)	75	25	24353	53,03	VR873.1K-3G280S/4	177299	1310			
	39,8	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370			
	Ø420	11,4	M5	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	188270	890		374
		12,7	M5	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	182750	890		
		14,5	M5	37	11	24571	134,22	VR873.1K-2ED200L/4D	175314	970		
16,7		M5	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970			
21,4		M4	55	14	25126	91,16	VR873.1K-3E250M/4D	183179	1180			
23,9		M4	55	16	27460	81,40	VR873.1K-3E250M/4D	182603	1180			
26,7		M4	75	18	24603	73,09	VR873.1K-3G280S/4	175265	1310			
28,3		M4	75	20	31653	69,01	VR873.1K-3G280S/4	175712	1310			
32,5		M4	75	21	27660	60,33	VR873.1K-3G280S/4	176729	1310			
36,9		M4	90	25	24353	53,03	VR873.1K-3G280M/4	173416	1370			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

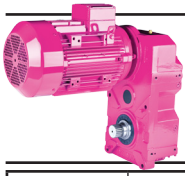
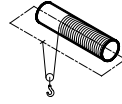
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø320	3,5	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372		
	3,9	M6 (3m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	121867	359			
	4,6	M6 (3m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	122536	359			
	5,5	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379			
	6,2	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379			
	7,3	M5 (2m)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	130890	379			
	8,4	M5 (2m)	18,5	17	9880	87,77	VR673.1K-3E180M/4C	131235	408			
	9,7	M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418			
	11,1	M4 (1Am)	30	22	12199	66,59	VR673.1K-3E200L/4D	134953	464			
	12,7	M4 (1Am)	30	25	10741	58,54	VR673.1K-3E200L/4D	135366	464			
	Ø320	3,1	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
		3,7	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
		4,4	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
		5,0	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
		5,7	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
		6,6	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
		7,6	M8 (5m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	139390	529		
		8,6	M7 (4m)	18,5	17	9723	85,99	VR773.1K-3E180M/4C	153266	529		
		9,7	M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
		10,9	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
		11,3	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
		13,0	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
		15,0	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
		Ø340	9,1	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	374
			10,1	M8 (5m)	22	20	9921	73,09	VR873.1K-3E180L/4D	147005	890	
	10,7		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	12,3		M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
	14,0		M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965		
	15,9		M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147359	1025		
	Ø340		3,7	M5 (2m)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	153288	359	372
4,1			M5 (2m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	145907	359		
4,9		M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359			
5,8		M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379			
6,5		M4 (1Am)	15	12	10955	119,86	VR673.1K-3E160L/4D	148787	379			
7,7		M4 (1Am)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	143555	408			
9,0		M4 (1Am)	22	17	11749	87,77	VR673.1K-3E180L/4D	139901	408			
10,3		M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418			
11,8		M4 (1Am)	30	22	12199	66,59	VR673.1K-3E200L/4D	134953	464			
Ø340		3,3	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
		3,9	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
		4,7	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
		5,3	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
		6,1	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
		7,0	M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500		
		8,1	M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529		
		9,2	M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
		10,3	M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
	11,6	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585			
	12,0	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585			
	13,9	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585			
Ø340	15,9	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621			
	7,7	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	374		
	8,6	M8 (5m)	18,5	16	10344	91,16	VR873.1K-3E180M/4C	141051	875			
	9,6	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890			
	10,7	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965			
	11,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
	13,1	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

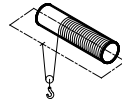
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page	
Trommel-durchmesser			Leistung			Übersetzung	Typ		Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø360	3,5	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
	4,2	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
	5,0	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	5,6	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	6,5	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	7,4	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
	8,5	M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529		
	9,7	M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
	10,9	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	12,3	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	12,7	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	14,7	M6 (3m)	30	26	10457	56,82	VR773.1K-3E200L/4D	160988	585		
	16,9	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
	6,2	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		374
	7,1	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	8,1	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875		
	9,1	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	10,2	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
	11,4	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	12,1	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
13,8	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965			
15,7	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
17,8	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø380	3,7	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	4,4	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	5,3	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	5,9	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	6,8	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	7,9	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	9,0	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	10,2	M6 (3m)	22	17	11562	85,99	VR773.1K-3E180L/4D	162381	539		
	11,5	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	12,9	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	13,4	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	15,5	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621		
	17,8	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	621		
	5,1	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	5,7	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	6,5	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	7,5	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	8,6	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875		
	9,7	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	10,8	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
12,0	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965			
12,8	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
14,6	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
16,6	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
18,8	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø400	3,9	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	4,6	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	5,5	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	6,2	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	7,2	M6 (3m)	15	11	11783	128,81	VR773.1K-3E160L/4D	163612	500		
	8,3	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	9,5	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	10,8	M6 (3m)	30	17	15767	85,99	VR773.1K-3E200L/4D	157848	585		
	12,1	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		
	13,6	M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585		
	14,1	M5 (2m)	30	22	12050	65,59	VR773.1K-3E200L/4D	171366	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

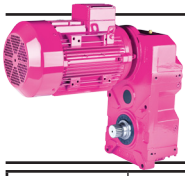
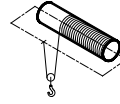
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø400	16,3	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621	373	
	18,7	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645		
	5,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374	
	6,0	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	6,9	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	7,9	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	9,0	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	10,2	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	11,3	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	12,6	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	13,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	15,4	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
	17,5	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065		
	19,8	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065		
	Ø420	4,1	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373
		4,8	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
		5,8	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
6,5		M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
7,5		M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	529		
8,7		M5 (2m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	177171	529		
10,0		M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539		
11,3		M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585		
12,7		M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		
14,3		M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585		
14,8		M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	621		
17,1		M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621		
19,7		M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645		
5,7		M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374	
6,3		M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
7,2		M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
8,3		M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
9,5		M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
10,7		M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
11,9		M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
13,3	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965			
14,1	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025			
16,1	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
18,3	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065			
20,8	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø440	4,3	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	5,1	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480		
	6,1	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	6,8	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500		
	7,9	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529		
	9,1	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539		
	10,4	M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539		
	11,8	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585		
	13,3	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		
	6,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374	
	6,6	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	7,6	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	8,7	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890		
	9,9	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	11,2	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
	12,5	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	13,9	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
14,8	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

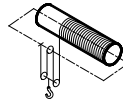
**12,5 t****2 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø440	16,9	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025	374	
	19,2	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065		
	21,8	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180		
Ø450	4,4	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	5,2	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480		
	6,2	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500		
	7,0	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500		
	8,1	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529		
	9,3	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539		
	10,7	M5 (2m)	30	15	17856	97,55	VR773.1K-3E200L/4D	169296	539		
	12,1	M4 (1Am)	30	17	15767	85,99	VR773.1K-3E200L/4D	182960	585		
	13,6	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585		
	6,1	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	6,8	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	7,7	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	8,9	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890		
	10,1	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	11,4	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
12,8	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			
14,2	M8 (5m)	37	20	16686	73,09	VR873.1K-3E225S/4C	141633	1025			
15,1	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025			
17,3	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
19,6	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065			
22,3	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

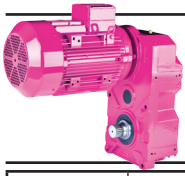
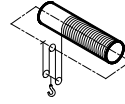
**12,5 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø270	2,2	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	2,4	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	2,9	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204	
	3,5	M5 (2m)	11	17	5900	87,90	VR573.1K-3E160M/4C	88253	204	
	4,0	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	4,5	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	5,3	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	6,0	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	7,3	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311	
	1,5	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,6	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,9	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	2,3	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,6	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	292	
	3,0	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	3,5	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	302	
	4,1	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
4,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,3	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø280	2,2	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	2,5	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	3,0	M5 (2m)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	91993	204	
	3,7	M4 (1Am)	11	17	5900	87,90	VR573.1K-3E160M/4C	97955	261	
	4,2	M4 (1Am)	11	19	5219	77,63	VR573.1K-3E160M/4C	97086	261	
	4,7	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	5,5	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	6,2	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	7,6	M4 (1Am)	18,5	35	4835	42,62	VR573.1K-3E180M/4C	92299	311	
	1,5	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,7	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	2,0	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	2,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,7	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	3,2	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	3,7	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	4,2	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
4,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
5,5	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø290	1,6	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,8	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	2,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	2,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,8	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	3,3	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	3,8	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	4,4	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	5,0	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
5,7	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø300	1,6	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,8	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	2,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	2,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,9	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	3,4	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	3,9	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

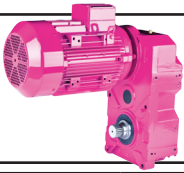
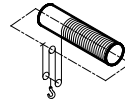
**12,5 t****4 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite		
Ø300	4,5	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	372		
	5,2	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	359			
	5,9	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379			
Ø320	1,7	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372		
	1,9	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
	2,3	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
	2,7	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
	3,1	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302			
	3,6	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
	4,2	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
	4,8	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359			
	5,5	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379			
	6,3	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379			
Ø340	1,8	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372		
	2,1	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
	2,4	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
	2,9	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
	3,3	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302			
	3,8	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
	4,5	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
	5,2	M8 (5m)	15	19	6989	76,17	VR673.1K-3E160L/4D	108017	359			
	5,9	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
	6,7	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379			
	5,8	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		373	
	6,0	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500			
	6,9	M8 (5m)	15	26	5246	56,82	VR773.1K-3E160L/4D	148625	500			
	8,0	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529			
Ø360	1,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372		
	2,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
	2,6	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292			
	3,1	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
	3,5	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302			
	4,1	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359			
	4,7	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359			
	5,5	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	6,2	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
	7,1	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	379			
	5,4	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		373	
	6,1	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500			
	6,3	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500			
	7,3	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529			
	8,4	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529			
	Ø380	2,0	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481		292	372
		2,3	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889		292	
		2,7	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278		302	
3,2		M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302			
3,6		M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359			
4,3		M7 (4m)	11	14	6865	102,10	VR673.1K-3E160M/4C	114895	359			
5,0		M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359			
5,8		M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
6,6		M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
7,5		M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

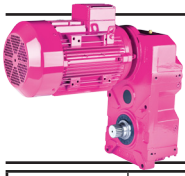
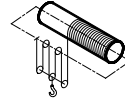
**12,5 t****4 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	4,5	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	373
	5,1	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	5,7	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	6,4	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	6,7	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	7,7	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529	
	8,9	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

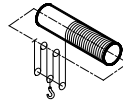
**12,5 t****6 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,2	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	371
	1,4	M8 (5m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	64601	184	
	1,6	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
	2,0	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	2,3	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	2,6	M7 (4m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	78317	194	
	3,0	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204	
	3,4	M6 (3m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	86002	204	
	4,2	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	4,7	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	5,3	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281	
	6,3	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	1,7	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	372
	2,0	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	2,3	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
2,6	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
3,0	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø240	1,1	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
	1,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
	1,4	M8 (5m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	64601	184	
	1,7	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
	2,1	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	2,4	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	2,7	M7 (4m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	78317	204	
	3,2	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	3,5	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	4,3	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	4,9	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	5,5	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	6,5	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	1,8	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	372
	2,1	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
2,4	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292		
2,8	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
3,1	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		
Ø250	1,2	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
	1,3	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	
	1,5	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184	
	1,8	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
	2,2	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	2,5	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	2,8	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204	
	3,3	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	3,7	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	4,5	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	5,1	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	261	
	5,7	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	6,8	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	1,4	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372
	1,6	M8 (5m)	5,5	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
1,9	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
2,2	M8 (5m)	7,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
2,5	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
2,9	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
3,3	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

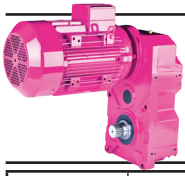
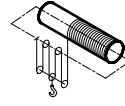
**12,5 t****6 / 1**

Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø260	1,2	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
	1,4	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	1,6	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184	
	1,9	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	2,3	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	2,6	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	2,9	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204	
	3,4	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	3,8	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	4,7	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261	
	5,3	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	6,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	7,1	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	1,5	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372
	1,7	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
	1,9	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	2,3	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	2,6	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302	
	3,0	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302	
	3,4	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
Ø270	1,3	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371
	1,4	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	1,6	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184	
	1,9	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	2,3	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194	
	2,7	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	3,0	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204	
	3,5	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261	
	4,0	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	4,9	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261	
	5,5	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	6,2	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	7,3	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	1,0	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272	372
	1,1	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	1,3	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275	
	1,5	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	
	1,7	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
	2,0	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	2,4	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
2,7	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
3,1	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
3,5	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359		
Ø280	1,3	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371
	1,5	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	1,7	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184	
	2,0	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	2,4	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194	
	2,8	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	3,1	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204	
	3,7	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261	
	4,1	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261	
	5,1	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	261	
	5,7	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	6,4	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	7,6	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	1,0	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272	372

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

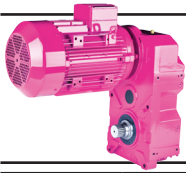
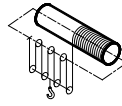
**12,5 t****6 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø280	1,1	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	372	
	1,3	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	1,6	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	1,8	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282		
	2,1	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	2,4	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
	2,8	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
	3,2	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
	3,7	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359		
Ø290	1,3	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	1,5	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	1,7	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184		
	2,1	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	2,5	M6 (3m)	7,5	17	4050	87,90	VR573.1K-3E132M/4D	82510	194		
	2,9	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	3,2	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204		
	3,8	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261		
	4,3	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261		
	5,2	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	5,9	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	6,7	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	7,9	M4 (1Am)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	93058	311		
	1,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	1,2	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	1,4	M8 (5m)	4,0	9,0	3983	161,66	VR673.1K-3E112M/4D	100927	275		
	1,6	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	1,8	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292		
2,2	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
2,5	M8 (5m)	7,5	17	4046	87,77	VR673.1K-3E132M/4D	110508	292			
2,9	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
3,3	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302			
3,8	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			
Ø300	1,6	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	371	
	1,8	M7 (4m)	4,0	12	3104	126,81	VR573.1K-3E112M/4D	74153	184		
	2,1	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	2,6	M6 (3m)	7,5	17	4050	87,90	VR573.1K-3E132M/4D	82510	204		
	3,0	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	3,3	M6 (3m)	7,5	21	3179	69,00	VR573.1K-3E132M/4D	84603	204		
	3,9	M5 (2m)	11	25	3952	58,36	VR573.1K-3E160M/4C	89422	261		
	4,4	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261		
	5,4	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	6,1	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	6,9	M5 (2m)	18,5	44	3821	33,46	VR573.1K-3E180M/4C	88180	281		
	8,2	M4 (1Am)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	93058	311		
	1,1	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	1,2	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	1,4	M8 (5m)	4,0	9,0	3983	161,66	VR673.1K-3E112M/4D	100927	282		
	1,7	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
	1,9	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292		
	2,2	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
2,6	M8 (5m)	7,5	17	4046	87,77	VR673.1K-3E132M/4D	110508	302			
3,0	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
3,5	M8 (5m)	11	22	4504	66,59	VR673.1K-3E160M/4C	112610	302			
3,9	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

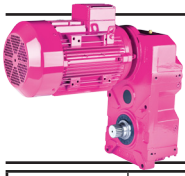
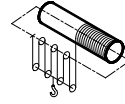
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	0,7	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	0,8	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	1,0	M7 (4m)	2,2	14	1375	101,48	VR473.1K-3E100L/4C	47747	105	
	1,0	M7 (4m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	47242	107	
	1,2	M7 (4m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	48736	107	
	1,4	M6 (3m)	4,0	21	1736	70,59	VR473.1K-3E112M/4D	50876	114	
	1,6	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	1,8	M6 (3m)	4,0	27	1342	54,35	VR473.1K-3E112M/4D	51795	114	
	2,1	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	2,3	M6 (3m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	51410	124	
	2,9	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	3,4	M5 (2m)	7,5	51	1324	28,45	VR473.1K-3E132M/4D	53215	134	
	0,6	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	0,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	0,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	0,9	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	1,1	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,2	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	1,4	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	1,7	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
1,9	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
2,3	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
2,6	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
2,9	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
3,5	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261		
Ø180	0,7	M7 (4m)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	46004	105	370
	0,8	M7 (4m)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	46991	105	
	1,0	M7 (4m)	3,0	14	1875	101,48	VR473.1K-3E100L/4C	46330	107	
	1,1	M6 (3m)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	50784	107	
	1,3	M6 (3m)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	51728	107	
	1,5	M6 (3m)	4,0	21	1736	70,59	VR473.1K-3E112M/4D	50876	114	
	1,7	M6 (3m)	4,0	24	1524	61,85	VR473.1K-3E112M/4D	51364	114	
	1,9	M6 (3m)	5,5	27	1845	54,35	VR473.1K-3E132S/4C	50368	124	
	2,2	M6 (3m)	5,5	31	1611	47,37	VR473.1K-3E132S/4C	50927	124	
	2,5	M5 (2m)	5,5	35	1414	41,50	VR473.1K-3E132S/4C	53672	124	
	3,0	M5 (2m)	7,5	43	1591	34,28	VR473.1K-3E132M/4D	52780	134	
	3,6	M5 (2m)	11	51	1942	28,45	VR473.1K-3E160M/4C	51463	191	
	0,6	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	0,7	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	0,8	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,0	M8 (5m)	2,2	14	1457	107,18	VR573.1K-3E100L/4C	70000	174	
	1,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,3	M8 (5m)	3,0	19	1443	77,63	VR573.1K-3E100L/4D	73668	177	
	1,5	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	1,8	M8 (5m)	4,0	25	1442	58,36	VR573.1K-3E112M/4D	76226	184	
2,0	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194		
2,4	M8 (5m)	5,5	34	1452	42,62	VR573.1K-3E132S/4C	77840	194		
2,7	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204		
3,1	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204		
3,7	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261		
Ø190	0,8	M4 (1Am)	2,2	10	1862	138,35	VR473.1K-3E100L/4C	62680	105	370
	0,9	M4 (1Am)	2,2	12	1640	121,49	VR473.1K-3E100L/4C	61509	105	
	1,1	M4 (1Am)	3,0	14	1875	101,48	VR473.1K-3E100L/4D	59115	107	
	1,1	M4 (1Am)	3,0	15	1773	95,87	VR473.1K-3E100L/4D	58800	107	
	1,3	M4 (1Am)	3,0	18	1500	81,00	VR473.1K-3E100L/4D	58390	107	
	0,7	M8 (5m)	1,5	8,9	1507	163,77	VR573.1K-3E90L/4D	56656	170	371
	0,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

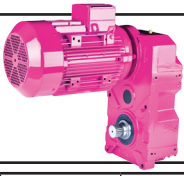
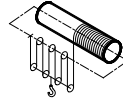
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser			Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø190	0,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	371
	1,0	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,2	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,4	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	1,6	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	1,9	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,1	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	2,6	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	2,9	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	3,3	M8 (5m)	7,5	44	1554	33,46	VR573.1K-3E132M/4D	79263	204	
3,9	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261		
Ø200	0,7	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	0,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	0,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,1	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,3	M8 (5m)	3,0	16	1631	87,90	VR573.1K-3E100L/4D	71392	177	
	1,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	1,7	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,0	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,2	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	2,7	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,1	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	3,4	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	4,1	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
Ø210	0,7	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	0,8	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	0,9	M8 (5m)	2,2	11	1719	126,81	VR573.1K-3E100L/4C	66937	174	
	1,1	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,4	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	1,5	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	1,7	M8 (5m)	4,0	21	1701	69,00	VR573.1K-3E112M/4D	74831	184	
	2,1	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,3	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	2,8	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,2	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	3,6	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	4,3	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
Ø220	0,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	0,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,0	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	1,2	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,4	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	1,6	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	1,8	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	2,2	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,4	M8 (5m)	5,5	28	1768	51,97	VR573.1K-3E132S/4C	76869	194	
	3,0	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,4	M8 (5m)	7,5	39	1746	37,64	VR573.1K-3E132M/4D	78184	204	
	3,8	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	4,5	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
Ø230	0,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	0,9	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,0	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	1,2	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,5	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	1,7	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	1,9	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	2,3	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,5	M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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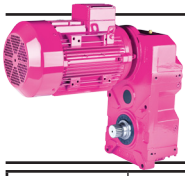
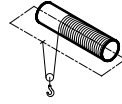
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	3,1	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	371
	3,5	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
	4,0	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	4,7	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	
Ø240	0,8	M8 (5m)	2,2	8,9	2210	163,77	VR573.1K-3E100L/4C	55515	174	371
	1,0	M8 (5m)	2,2	10	1939	143,35	VR573.1K-3E100L/4C	62205	174	
	1,1	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	1,3	M8 (5m)	3,0	14	1986	107,18	VR573.1K-3E100L/4D	69140	177	
	1,6	M8 (5m)	4,0	16	2175	87,90	VR573.1K-3E112M/4D	70510	184	
	1,8	M8 (5m)	4,0	19	1924	77,63	VR573.1K-3E112M/4D	72888	184	
	2,0	M8 (5m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	73797	194	
	2,4	M8 (5m)	5,5	25	1983	58,36	VR573.1K-3E132S/4C	75349	194	
	2,6	M8 (5m)	7,5	28	2411	51,97	VR573.1K-3E132M/4D	75826	204	
	3,2	M8 (5m)	7,5	34	1980	42,62	VR573.1K-3E132M/4D	76984	204	
	3,7	M8 (5m)	11	39	2561	37,64	VR573.1K-3E160M/4C	76862	261	
	4,1	M8 (5m)	11	44	2280	33,46	VR573.1K-3E160M/4C	78086	261	
	4,9	M8 (5m)	11	52	1926	28,30	VR573.1K-3E160M/4C	79050	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

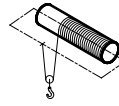
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø340	4,6	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	5,1	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	5,9	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	6,7	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	7,6	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890	
	8,6	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	9,7	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	10,8	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	11,4	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145210	1025	
	13,1	M8 (5m)	37	25	13710	60,33	VR873.1K-3E225S/4C	148179	1025	
	14,9	M8 (5m)	45	28	14691	53,03	VR873.1K-3E225M/4D	145753	1065	
	16,9	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152132	1180	
Ø360	4,9	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	5,4	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	6,2	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	7,1	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	8,1	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	9,1	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	10,2	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	11,4	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	12,1	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145210	1025	
	13,8	M8 (5m)	45	25	16675	60,33	VR873.1K-3E225M/4D	145819	1065	
	15,7	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154749	1065	
	17,9	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152132	1180	
Ø380	5,1	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	5,7	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875	
	6,6	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	7,5	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	8,5	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	9,7	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	10,8	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	12,0	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	12,8	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145210	1025	
	14,6	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	16,6	M7 (4m)	55	28	14691	53,03	VR873.1K-3E250M/4D	152151	1180	
	18,9	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152132	1180	
Ø400	5,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	6,0	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	6,9	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	7,9	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	9,0	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	10,2	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	11,4	M8 (5m)	37	18	18498	81,40	VR873.1K-3E225S/4C	137584	1025	
	12,7	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	13,5	M7 (4m)	37	21	15658	69,01	VR873.1K-3E225S/4C	155040	1025	
	15,4	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	17,5	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152151	1180	
	19,9	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152132	1180	
Ø420	5,7	M8 (5m)	18,5	8,6	15632	170,32	VR873.1K-3E180M/4C	99619	875	374
	6,3	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	7,2	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	8,3	M8 (5m)	30	13	15770	116,84	VR873.1K-3E200L/4D	124193	965	
	9,4	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	10,7	M7 (4m)	30	16	16774	91,16	VR873.1K-3E200L/4D	148742	965	
	11,9	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	13,3	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	14,1	M7 (4m)	45	21	15658	69,01	VR873.1K-3E225M/4D	152342	1065	
	16,2	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	18,4	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152151	1180	

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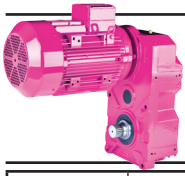
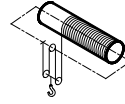
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø420	20,9	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156853	1310	374
Ø440	6,0	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	6,6	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	7,6	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	8,7	M8 (5m)	30	13	21504	116,84	VR873.1K-3E200L/4D	124193	965	
	9,9	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	11,2	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	12,5	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	13,9	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	14,8	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	16,9	M7 (4m)	55	25	20380	60,33	VR873.1K-3E250M/4D	151961	1180	
	19,2	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
	21,9	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
	Ø460	6,2	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	
6,9		M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
7,9		M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
9,1		M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
10,3		M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
11,7		M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
13,1		M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
14,6		M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
15,5		M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
17,7		M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
20,1		M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
22,9		M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø480		6,5	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875
	7,2	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	8,3	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	9,5	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	10,8	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	12,2	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	13,7	M7 (4m)	45	18	22497	81,40	VR873.1K-3E225M/4D	146004	1065	
	15,2	M6 (3m)	45	20	20225	73,09	VR873.1K-3E225M/4D	160601	1065	
	16,1	M6 (3m)	45	21	19043	69,01	VR873.1K-3E225M/4D	162663	1065	
	18,5	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	21,0	M6 (3m)	75	28	24484	53,03	VR873.1K-3G280S/4	156353	1310	
	23,9	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	

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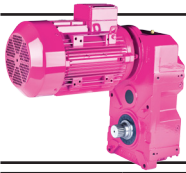
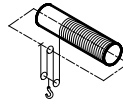
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø280	1,5	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
	1,7	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	2,0	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302		
	2,4	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302		
	2,7	M8 (5m)	11	12	8034	119,86	VR673.1K-3E160M/4C	101595	359		
	3,2	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359		
	3,7	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	4,2	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
	4,9	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379		
	5,5	M7 (4m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	117739	408		
	4,2	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	373	
	4,8	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
	4,9	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
	5,7	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
	6,6	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529		
	Ø300	1,6	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
		1,8	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
2,1		M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302		
2,6		M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302		
2,9		M8 (5m)	11	12	8034	119,86	VR673.1K-3E160M/4C	101595	359		
3,4		M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359		
3,9		M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359		
4,5		M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
5,2		M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379		
5,9		M7 (4m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	117739	408		
3,5		M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	373	
4,0		M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480		
4,5		M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
5,1		M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
5,3		M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
6,1		M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
7,0		M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539		
Ø320	1,7	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
	1,9	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	2,3	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302		
	2,7	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359		
	3,1	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359		
	3,6	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359		
	4,2	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379		
	4,8	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
	5,5	M7 (4m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	115961	408		
	6,3	M6 (3m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	124880	408		
	2,5	M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423	373	
	2,9	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	3,3	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	3,8	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480		
	4,3	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	4,8	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
	5,4	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
5,6	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
6,5	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529			
7,5	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539			
Ø340	1,8	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
	2,1	M8 (5m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	89848	302		
	2,4	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

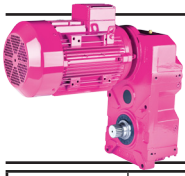
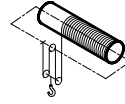
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	2,9	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	372
	3,3	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	3,8	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	4,5	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379	
	5,2	M6 (3m)	15	19	6989	76,17	VR673.1K-3E160L/4D	124542	379	
	5,9	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	6,7	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418	
	2,3	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423	373
	2,6	M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423	
	3,0	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	3,5	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	4,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	480	
	4,6	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	5,1	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	5,8	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529	
	6,0	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	
	6,9	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	529	
	8,0	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539	
Ø360	1,9	M7 (4m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	104696	292	372
	2,2	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	2,6	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302	
	3,1	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	3,5	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	4,1	M7 (4m)	15	14	9330	102,10	VR673.1K-3E160L/4D	111606	379	
	4,7	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	5,5	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	6,2	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	7,1	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418	
	1,8	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	2,1	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	2,5	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423	
	2,8	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	3,2	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	3,7	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	4,3	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	4,8	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
5,4	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
6,1	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
6,3	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529		
7,3	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
8,4	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø380	2,0	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	2,3	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	2,7	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	359	
	3,2	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	3,7	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	4,3	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	5,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	5,8	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	6,6	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	7,5	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418	
	1,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	2,2	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	2,6	M8 (5m)	7,5	8,8	7659	166,50	VR773.1K-3E132M/4D	129558	423	
	2,9	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	3,4	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	3,9	M8 (5m)	11	13	7872	111,53	VR773.1K-160M/4-L20	141435	480	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

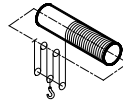
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø380	4,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	373	
	5,1	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	5,7	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
	6,4	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
	6,7	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529		
	7,7	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
	8,9	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
	Ø400	2,2	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284		302
2,4		M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
2,8		M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359		
3,4		M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359		
3,9		M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
4,5		M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
5,3		M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
6,1		M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408		
6,9		M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418		
7,9		M5 (2m)	22	25	7877	58,54	VR673.1K-3E180L/4D	130958	418		
2,0		M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373	
2,3		M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
2,8		M8 (5m)	11	8,8	11233	166,50	VR773.1K-3E160M/4C	125704	480		
3,1		M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
3,6		M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
4,1		M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
4,7		M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
5,4		M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
6,1		M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
6,8		M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	529		
7,0	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539			
8,2	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	539			
9,4	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585			
Ø420	2,3	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	2,5	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
	3,0	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	3,6	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359		
	4,0	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379		
	4,7	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	5,5	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	408		
	6,4	M5 (2m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	131680	408		
	7,3	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418		
	2,1	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373
	2,4	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
	2,9	M8 (5m)	11	8,8	11233	166,50	VR773.1K-3E160M/4C	125704	480		
	3,2	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
	3,7	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	4,3	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	5,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	5,6	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
	6,4	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
7,1	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539			
7,4	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539			
8,6	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	585			
9,8	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

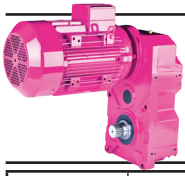
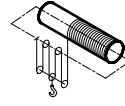
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø270	1,4	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,6	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	1,9	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194	
	2,4	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	2,7	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	204	
	3,0	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	3,6	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	4,0	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261	
	4,9	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	5,5	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311	
	6,2	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	7,3	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320	
	1,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,1	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,3	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	1,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,7	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	2,0	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,4	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	2,7	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	302	
3,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
3,5	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø280	1,5	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,7	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	2,0	M6 (3m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	81646	204	
	2,4	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	2,8	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	3,1	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	3,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	4,1	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	5,1	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	5,7	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311	
	6,5	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	7,6	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320	
	1,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,1	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,3	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	1,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,8	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	2,1	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,4	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	2,8	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
3,2	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
3,7	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290	1,5	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,7	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	2,1	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,5	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	2,9	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	3,2	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	3,8	M4 (1Am)	11	25	3938	58,36	VR573.1K-3E160M/4C	96061	261	
	4,3	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	5,2	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	5,9	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311	
	6,7	M4 (1Am)	22	44	4528	33,46	VR573.1K-3E180L/4D	91686	311	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

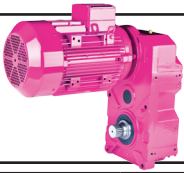
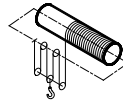
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser							Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø290	1,0	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	1,2	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,4	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	1,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,8	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	2,2	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,5	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	2,9	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,4	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	3,8	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359	
Ø300	1,6	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,8	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	2,1	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,6	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	3,0	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	3,3	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	4,0	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	261	
	4,4	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	5,4	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	6,2	M4 (1Am)	18,5	39	4277	37,64	VR573.1K-3E180M/4C	92581	311	
	1,1	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	1,2	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,4	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	282	
	1,7	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,9	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	2,3	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,6	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	3,0	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
3,5	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
3,9	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	359		
Ø310	1,7	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	1,9	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	2,2	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,7	M5 (2m)	11	17	5920	87,90	VR573.1K-3E160M/4C	88266	204	
	3,1	M5 (2m)	11	19	5219	77,63	VR573.1K-3E160M/4C	88659	261	
	3,5	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	4,1	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	4,6	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	5,6	M4 (1Am)	18,5	34	4851	42,62	VR573.1K-3E180M/4C	92300	311	
	1,1	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	1,2	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,5	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,8	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	2,0	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	2,3	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,7	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	302	
	3,1	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,6	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
4,1	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø320	1,7	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	1,9	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	2,3	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,8	M4 (1Am)	11	17	5920	87,90	VR573.1K-3E160M/4C	97973	261	
	3,2	M4 (1Am)	11	19	5219	77,63	VR573.1K-3E160M/4C	97086	261	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

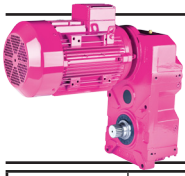
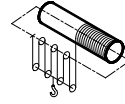
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø320	3,6	M4 (1Am)	11	21	5371	69,00	VR573.1K-3E160L/4D	93738	261	371	
	4,2	M4 (1Am)	15	25	4789	58,36	VR573.1K-3E160L/4D	93802	281		
	4,7	M4 (1Am)	15	28	4851	51,97	VR573.1K-3E180M/4C	92300	281		
	Ø330	1,1	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
		1,3	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
		1,5	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
		1,8	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
		2,0	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
		2,4	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
		2,8	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	359	
		3,2	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
		3,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
		4,2	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
	Ø340	1,2	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
1,4		M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
1,6		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
1,9		M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
2,2		M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302		
2,6		M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
3,0		M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	359		
3,4		M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
3,9		M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	359		
4,5		M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

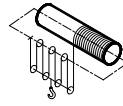
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i	Typ	F _{qm} [N]	[kg]	
Ø230	0,9	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	371
	1,0	M8 (5m)	3,0	11	2344	126,81	VR573.1K-3E100L/4D	65923	177	
	1,2	M8 (5m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	68017	184	
	1,5	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	1,7	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	1,9	M7 (4m)	5,5	21	2339	69,00	VR573.1K-3E132S/4C	79709	194	
	2,3	M7 (4m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	79554	204	
	2,5	M6 (3m)	7,5	28	2403	51,97	VR573.1K-3E132M/4D	86002	204	
	3,1	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	3,5	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	4,0	M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281	
	4,7	M6 (3m)	15	52	2626	28,30	VR573.1K-3E160L/4D	85552	281	
	1,5	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	372
	1,7	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
	2,0	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302	
	2,3	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
	Ø240	1,0	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177
1,1		M8 (5m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	64656	184	
1,3		M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
1,6		M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
1,8		M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
2,0		M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204	
2,4		M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
2,7		M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	204	
3,2		M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
3,7		M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
4,1		M6 (3m)	15	44	3098	33,46	VR573.1K-3E160L/4D	84896	281	
4,9		M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
1,3		M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	372
1,6		M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
1,8		M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
2,1		M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302	
2,4		M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
Ø250	1,0	M8 (5m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	61061	177	371
	1,1	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
	1,3	M7 (4m)	4,0	14	2630	107,18	VR573.1K-3E112M/4D	76281	184	
	1,6	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	1,8	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	2,1	M7 (4m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	78330	204	
	2,5	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	2,8	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	3,4	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	3,8	M6 (3m)	11	39	2552	37,64	VR573.1K-3E160M/4C	85573	261	
	4,3	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	5,1	M5 (2m)	15	52	2626	28,30	VR573.1K-3E160L/4D	89706	281	
	1,4	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	372
	1,6	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	1,9	M8 (5m)	5,5	19	2580	76,17	VR673.1K-3E132S/4C	113887	292	
	2,2	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302	
	2,5	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
Ø260	0,9	M8 (5m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	54212	177	371
	1,0	M7 (4m)	3,0	10	2644	143,35	VR573.1K-3E100L/4D	72265	177	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

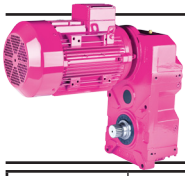
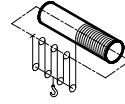
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø260	1,2	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	371
	1,4	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	184	
	1,7	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	1,9	M7 (4m)	5,5	19	2627	77,63	VR573.1K-3E132S/4C	78195	194	
	2,2	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204	
	2,6	M6 (3m)	7,5	25	2694	58,36	VR573.1K-3E132M/4D	85242	204	
	2,9	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	3,5	M6 (3m)	11	34	2885	42,62	VR573.1K-3E160M/4C	84838	261	
	4,0	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	4,5	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	5,3	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	281	
	1,1	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372
	1,2	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
	1,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
	1,7	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292	
	2,0	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302	
	2,2	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302	
	2,6	M8 (5m)	7,5	25	2704	58,54	VR673.1K-3E132M/4D	116121	302	
Ø270	0,9	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371
	1,1	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	1,2	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
	1,4	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	1,8	M7 (4m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	76399	194	
	2,0	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	2,2	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204	
	2,7	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	204	
	3,0	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	3,7	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261	
	4,1	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	4,7	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	5,5	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	0,7	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272	372
	0,8	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	1,0	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275	
	1,1	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	
	1,3	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282	
1,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
1,8	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
2,0	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
2,3	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
2,7	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	302		
Ø280	1,0	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371
	1,1	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184	
	1,3	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184	
	1,5	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194	
	1,8	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194	
	2,1	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204	
	2,3	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204	
	2,8	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261	
	3,1	M6 (3m)	11	28	3524	51,97	VR573.1K-3E160M/4C	84183	261	
	3,8	M5 (2m)	11	34	2885	42,62	VR573.1K-3E160M/4C	90015	261	
	4,3	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281	
	4,8	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281	
	5,7	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311	
	0,7	M8 (5m)	2,2	6,8	2876	213,15	VR673.1K-3E100L/4C	89277	272	372
	0,8	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
	1,0	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

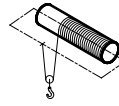
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø280	1,2	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282	372	
	1,3	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282		
	1,6	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292		
	1,8	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292		
	2,1	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302		
	2,4	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302		
	2,8	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359		
Ø290	1,0	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	1,2	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	1,3	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	1,6	M7 (4m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	74681	194		
	1,9	M6 (3m)	5,5	17	2970	87,90	VR573.1K-3E132S/4C	84262	194		
	2,1	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	2,4	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	2,9	M6 (3m)	11	25	3952	58,36	VR573.1K-3E160M/4C	83203	261		
	3,2	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261		
	3,9	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	261		
	4,4	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	5,0	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	5,9	M5 (2m)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	88712	311		
	0,8	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	0,9	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	1,0	M8 (5m)	3,0	9,0	2987	161,66	VR673.1K-3E100L/4D	102235	275		
	1,2	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
1,4	M8 (5m)	4,0	12	2941	119,86	VR673.1K-3E112M/4D	108391	282			
1,6	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
1,9	M8 (5m)	5,5	17	2967	87,77	VR673.1K-3E132S/4C	111926	292			
2,2	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
2,5	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302			
2,8	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			
Ø300	1,0	M7 (4m)	3,0	8,9	3013	163,77	VR573.1K-3E100L/4D	67713	177	371	
	1,2	M7 (4m)	4,0	10	3526	143,35	VR573.1K-3E112M/4D	70836	184		
	1,3	M7 (4m)	4,0	11	3126	126,81	VR573.1K-3E112M/4D	74221	184		
	1,6	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	2,0	M6 (3m)	7,5	17	4050	87,90	VR573.1K-3E132M/4D	82510	204		
	2,2	M6 (3m)	7,5	19	3583	77,63	VR573.1K-3E132M/4D	83631	204		
	2,5	M6 (3m)	7,5	21	3190	69,00	VR573.1K-3E132M/4D	84618	204		
	3,0	M5 (2m)	11	25	3952	58,36	VR573.1K-3E160M/4C	89422	261		
	3,3	M5 (2m)	11	28	3524	51,97	VR573.1K-3E160M/4C	89855	261		
	4,1	M5 (2m)	15	34	3933	42,62	VR573.1K-3E160L/4D	88313	281		
	4,6	M5 (2m)	15	39	3480	37,64	VR573.1K-3E160L/4D	88856	281		
	5,2	M5 (2m)	15	44	3098	33,46	VR573.1K-3E160L/4D	89352	281		
	6,1	M4 (1Am)	18,5	52	3239	28,30	VR573.1K-3E180M/4C	93058	311		
	0,8	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275		372
	0,9	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275		
	1,1	M8 (5m)	4,0	9,0	3983	161,66	VR673.1K-3E112M/4D	100927	282		
	1,3	M8 (5m)	4,0	11	3318	134,51	VR673.1K-3E112M/4D	104756	282		
1,4	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292			
1,7	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292			
2,0	M8 (5m)	7,5	17	4046	87,77	VR673.1K-3E132M/4D	110508	302			
2,3	M8 (5m)	7,5	19	3518	76,17	VR673.1K-3E132M/4D	112654	302			
2,6	M8 (5m)	7,5	22	3071	66,59	VR673.1K-3E132M/4D	114493	302			
2,9	M8 (5m)	11	25	3965	58,54	VR673.1K-3E160M/4C	114463	359			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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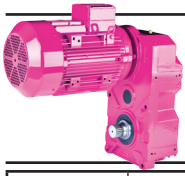
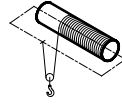
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø360	4,9	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	5,4	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	6,2	M8 (5m)	22	11	18080	134,22	VR873.1K-3E180L/4D	121311	890	
	7,1	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	8,1	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	9,2	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	10,3	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	11,4	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	12,1	M7 (4m)	45	21	19056	69,01	VR873.1K-3E225M/4D	152343	1065	
	13,9	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	15,8	M6 (3m)	55	28	17895	53,03	VR873.1K-3E250M/4D	161552	1180	
	17,9	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø380	5,2	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	5,7	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	6,5	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	7,5	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	8,6	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	9,7	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	10,8	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	12,1	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	12,8	M6 (3m)	45	21	19056	69,01	VR873.1K-3E225M/4D	162663	1065	
	14,7	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	16,7	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	18,9	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø400	5,4	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	6,0	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	6,9	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	7,9	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	9,0	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	1025	
	10,2	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	11,4	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	12,7	M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160600	1065	
	13,4	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	15,4	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	17,5	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	19,9	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø420	5,7	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	6,3	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	7,2	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	8,3	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	9,5	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	1025	
	10,7	M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159350	1025	
	12,0	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	13,3	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	14,1	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	16,2	M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155573	1310	
	18,4	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	20,9	M5 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	
Ø440	6,0	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	6,6	M7 (4m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	127139	890	
	7,6	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	8,7	M6 (3m)	30	13	21431	116,84	VR873.1K-3E200L/4D	158104	965	
	9,9	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	11,2	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	12,5	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	14,0	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	14,8	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	17,0	M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155573	1310	
	19,3	M5 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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Kompakt Motor / Compact Motor / Kompaktmotor

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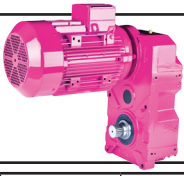
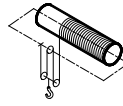
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø440	21,9	M5 (2m)	75	32	21530	53,03	VR873.1K-3G280S/4	166925	1310	374
Ø460	6,3	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	6,9	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	7,9	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	9,1	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	10,4	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	11,7	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	13,1	M6 (3m)	55	18	27441	81,40	VR873.1K-3E250M/4D	154368	1180	
	14,6	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	15,5	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	17,7	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	20,2	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
	22,9	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370	
Ø480	6,5	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890	374
	7,2	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	8,3	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	9,5	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	12,2	M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	13,7	M5 (2m)	55	16	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	15,2	M5 (2m)	55	18	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	16,1	M5 (2m)	75	20	31760	69,01	VR873.1K-3G280S/4	163755	1310	
	18,5	M5 (2m)	75	21	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	21,1	M4 (1Am)	75	25	24402	53,03	VR873.1K-3G280S/4	177292	1310	
	23,9	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	
	Ø500	6,8	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890
7,6		M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
8,6		M5 (2m)	30	11	24655	134,22	VR873.1K-3E200L/4D	179945	965	
9,9		M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
12,7		M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
14,3		M5 (2m)	55	16	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
15,9		M5 (2m)	55	18	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
16,8		M4 (1Am)	55	20	31760	69,01	VR873.1K-3E250M/4D	182439	1180	
19,3		M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
21,9		M4 (1Am)	75	25	24402	53,03	VR873.1K-3G280S/4	177292	1310	
24,9		M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

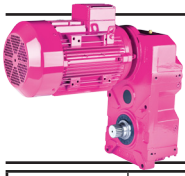
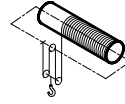
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	1,6	M7 (4m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	101210	302	372
	1,8	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302	
	2,1	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302	
	2,6	M7 (4m)	11	11	9001	134,51	VR673.1K-3E160M/4C	109499	359	
	2,9	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	3,4	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	3,9	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	4,6	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408	
	5,2	M6 (3m)	18,5	22	7523	66,59	VR673.1K-3E180M/4C	123710	408	
	5,9	M6 (3m)	22	25	7903	58,54	VR673.1K-3E180L/4D	123235	418	
	1,5	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	1,7	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	2,1	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423	
	2,3	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	2,7	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	3,1	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	3,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
4,0	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
4,6	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
5,1	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529		
5,3	M8 (5m)	18,5	22	7431	65,59	VR773.1K-3E180M/4C	148034	529		
6,1	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539		
7,0	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø320	1,7	M7 (4m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	101210	302	372
	1,9	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302	
	2,3	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359	
	2,7	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	3,1	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359	
	3,6	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	4,2	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	4,9	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408	
	5,6	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418	
	6,3	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	1,6	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	1,8	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	2,2	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	2,9	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	3,3	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	3,8	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
4,3	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
4,9	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529		
5,4	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	529		
5,6	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539		
6,5	M8 (5m)	30	26	10492	56,82	VR773.1K-3E200L/4D	142970	539		
7,5	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø340	1,8	M7 (4m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	101210	302	372
	2,1	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302	
	2,4	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	2,9	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	3,3	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	3,8	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	4,5	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	408	
	5,2	M5 (2m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	131671	408	
	5,9	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418	
	6,7	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	1,6	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

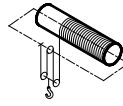
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser			Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	2,0	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	373
	2,3	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,6	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	3,0	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	3,5	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	4,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	4,6	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529	
	5,2	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	5,8	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539	
	6,0	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539	
	6,9	M8 (5m)	30	26	10492	56,82	VR773.1K-3E200L/4D	142970	585	
8,0	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø360	1,9	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372
	2,2	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	302	
	2,6	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	3,1	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	3,5	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	4,1	M5 (2m)	15	14	9330	102,10	VR673.1K-3E160L/4D	133758	379	
	4,7	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	5,5	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	408	
	6,3	M5 (2m)	22	22	8946	66,59	VR673.1K-3E180L/4D	130268	418	
	7,1	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	1,8	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	2,1	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	2,5	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,8	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
3,2	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480		
3,7	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
4,3	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
4,8	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
5,5	M8 (5m)	22	19	10273	76,29	VR773.1K-3E180L/4D	143899	529		
6,1	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539		
6,4	M8 (5m)	22	22	8837	65,59	VR773.1K-3E180L/4D	146519	539		
7,3	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
8,4	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø380	2,1	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372
	2,3	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359	
	2,7	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	3,3	M6 (3m)	15	11	12274	134,51	VR673.1K-3E160L/4D	118902	379	
	3,7	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379	
	4,3	M5 (2m)	15	14	9330	102,10	VR673.1K-3E160L/4D	133758	379	
	5,0	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	5,8	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	418	
	6,6	M5 (2m)	30	22	12199	66,59	VR673.1K-3E200L/4D	125993	464	
	7,5	M4 (1Am)	30	25	10777	58,54	VR673.1K-3E200L/4D	135359	464	
	1,9	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	2,2	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	2,6	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,9	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
3,4	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
3,9	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
4,5	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529		
5,1	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
5,8	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
6,5	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	539		
6,7	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
7,7	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
8,9	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

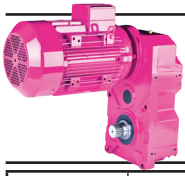
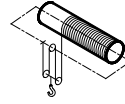
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø380	6,0	M8 (5m)	22	20	9888	73,09	VR873.1K-3E180L/4D	146980	890	374		
	6,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
	7,3	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965			
	8,3	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965			
	9,4	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025			
Ø400	2,2	M6 (3m)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	120968	302	372		
	2,4	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359			
	2,8	M5 (2m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	141576	359			
	3,4	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379			
	3,9	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379			
	4,5	M5 (2m)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	130898	408			
	5,3	M4 (1Am)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	142370	408			
	6,1	M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418			
	2,0	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373	
	2,3	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480			
	2,8	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480			
	3,1	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480			
	3,6	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500			
	4,1	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500			
	4,7	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529			
	5,4	M7 (4m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	153284	529			
	6,1	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539			
6,8	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585				
7,1	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585				
8,1	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585				
9,4	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621				
Ø420	5,7	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	374		
	6,3	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965			
	6,7	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
	7,7	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965			
	8,7	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
	9,9	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025			
	Ø420	2,3	M5 (2m)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	153288		359	372
		2,5	M4 (1Am)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	174215		359	
		3,0	M4 (1Am)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	163217		359	
3,6		M4 (1Am)	15	11	12274	134,51	VR673.1K-3E160L/4D	151963	379			
4,0		M4 (1Am)	15	12	10955	119,86	VR673.1K-3E160L/4D	148787	379			
4,7		M4 (1Am)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	143568	408			
2,1		M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373		
2,4		M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480			
2,9		M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480			
3,3		M8 (5m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	128335	500			
3,8		M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500			
4,3		M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500			
5,0		M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529			
5,6		M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539			
6,4	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539				
7,1	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585				
7,4	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585				
8,5	M6 (3m)	30	26	10492	56,82	VR773.1K-3E200L/4D	160997	585				
9,8	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621				
Ø420	4,7	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875	374		
	5,3	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890			
	6,0	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890			
	6,7	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

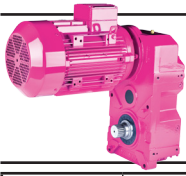
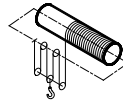
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit	Vinç* Sınıfı Crane* Class Kranklasse*	Motor Gücü Power Leistung	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio Übersetzung	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight Gewicht	Ölçü Sayfası Dim. Page Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø420	7,0	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965	374
	8,0	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965	
	9,2	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025	
	10,4	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025	
Ø440	2,2	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	2,5	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
	3,0	M7 (4m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	144551	480	
	3,4	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500	
	3,9	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500	
	4,6	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529	
	5,2	M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529	
	5,9	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539	
	6,7	M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585	
	7,5	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585	
	7,8	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585	
	8,9	M6 (3m)	30	26	10492	56,82	VR773.1K-3E200L/4D	160997	585	
	3,0	M8 (5m)	11	8,6	11503	170,32	VR873.1K-3E160M/4C	105936	800	374
	3,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	3,8	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
	4,3	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	
	4,9	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875	
	5,6	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890	
	6,2	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	
	7,0	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
7,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
8,4	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
9,6	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
10,9	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

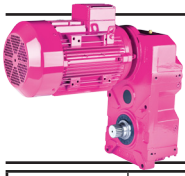
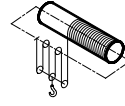
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø270	1,0	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,1	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,3	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,5	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,7	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	2,0	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,4	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	2,7	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,1	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	3,5	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
4,2	M8 (5m)	15	30	4573	49,45	VR773.1K-3E160L/4D	147622	500	373	
Ø280	1,0	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,1	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
	1,3	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,6	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	1,8	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	2,1	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302	
	2,5	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	2,8	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,2	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379	
	3,7	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
4,4	M8 (5m)	18,5	30	5640	49,45	VR773.1K-3E180M/4C	146472	500	373	
Ø290	1,0	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,4	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,6	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,9	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	2,2	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	2,5	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	2,9	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,4	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379	
	3,8	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	
4,5	M8 (5m)	18,5	30	5640	49,45	VR773.1K-3E180M/4C	146472	529	373	
Ø300	1,1	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,4	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,7	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	1,9	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	2,3	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	2,6	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	3,0	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359	
	3,5	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379	
	3,9	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379	
4,1	M8 (5m)	15	26	5246	56,82	VR773.1K-3E160L/4D	148625	500	373	
4,7	M8 (5m)	18,5	30	5640	49,45	VR773.1K-3E180M/4C	146472	529		
Ø320	1,1	M8 (5m)	5,5	7,7	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,3	M8 (5m)	5,5	9,0	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,5	M8 (5m)	5,5	11	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,8	M8 (5m)	7,5	12	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	2,0	M8 (5m)	7,5	14	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	2,4	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

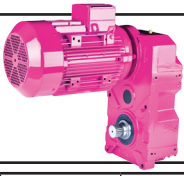
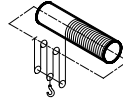
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	n ₂ [r.p.m]	M ₂ [Nm]	Übersetzung	Typ	F _{gsm} [N]	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]			i			[kg]		
Ø320	2,8	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	372	
	3,2	M8 (5m)	15	19	6989	76,17	VR673.1K-3E160L/4D	108017	379		
	3,7	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379		
	4,2	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379		
	3,6	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	373	
	3,8	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
	4,3	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	500		
	5,0	M8 (5m)	18,5	30	5640	49,45	VR773.1K-3E180M/4C	146472	529		
	Ø340	1,2	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
		1,4	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
1,6		M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302		
1,9		M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302		
2,2		M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359		
2,6		M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359		
3,0		M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359		
3,4		M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
3,9		M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379		
4,5		M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408		
2,7		M8 (5m)	11	15	6592	97,55	VR773.1K-3E160M/4C	144265	480	373	
3,0		M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480		
3,4		M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
3,8		M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
4,0		M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
4,6	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529			
5,3	M8 (5m)	18,5	30	5640	49,45	VR773.1K-3E180M/4C	146472	529			
Ø360	1,3	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
	1,5	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	1,7	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302		
	2,0	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302		
	2,3	M8 (5m)	11	12	8061	119,86	VR673.1K-3E160M/4C	101611	359		
	2,7	M7 (4m)	11	14	6865	102,10	VR673.1K-3E160M/4C	114895	359		
	3,2	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	359		
	3,6	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
	4,2	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379		
	4,7	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408		
	2,5	M8 (5m)	11	13	7523	111,53	VR773.1K-3E160M/4C	140996	480	373	
	2,8	M8 (5m)	11	15	6592	97,55	VR773.1K-3E160M/4C	144265	480		
	3,2	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	3,6	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
	4,1	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
4,2	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500			
4,9	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529			
5,6	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539			
Ø380	1,4	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372	
	1,5	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	1,8	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302		
	2,2	M7 (4m)	11	11	9063	134,51	VR673.1K-3E160M/4C	109549	359		
	2,4	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359		
	2,9	M7 (4m)	11	14	6865	102,10	VR673.1K-3E160M/4C	114895	359		
	3,3	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379		
	3,8	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379		
	4,4	M7 (4m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	115961	408		
	5,0	M6 (3m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	124887	408		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

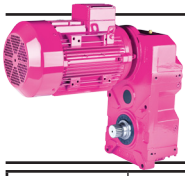
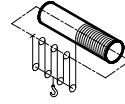
**20 t****6 / 1**

Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	1,9	M8 (5m)	7,5	9,8	6862	148,95	VR773.1K-3E132M/4D	135787	423	373
	2,3	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	2,6	M8 (5m)	11	13	7523	111,53	VR773.1K-3E160M/4C	140996	480	
	3,0	M8 (5m)	11	15	6592	97,55	VR773.1K-3E160M/4C	144265	480	
	3,4	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	3,8	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	4,3	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	500	
	4,5	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	
	5,1	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529	
	5,9	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

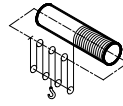
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø270	1,1	M6 (3m)	4,0	10	3501	143,35	VR573.1K-3E112M/4D	83697	184	371	
	1,2	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	1,4	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	1,8	M6 (3m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	82491	204		
	2,0	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204		
	2,3	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	2,7	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	3,0	M5 (2m)	11	28	3512	51,97	VR573.1K-3E160M/4C	89846	261		
	3,7	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	4,1	M4 (1Am)	15	39	3480	37,64	VR573.1K-3E160L/4D	93900	281		
	4,7	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	5,5	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320		
	Ø280	0,7	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
		0,8	M8 (5m)	3,0	7,6	3495	189,61	VR673.1K-3E100L/4D	96820	275	
		1,0	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
		1,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
		1,3	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
		1,5	M8 (5m)	5,5	14	3444	102,10	VR673.1K-3E132S/4C	109652	292	
		1,8	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
		2,0	M8 (5m)	7,5	19	3506	76,17	VR673.1K-3E132M/4D	112631	302	
2,3		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
2,7		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290	1,1	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	184	371	
	1,3	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	1,5	M6 (3m)	5,5	14	3617	107,18	VR573.1K-3E132S/4C	83779	194		
	1,8	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204		
	2,1	M5 (2m)	7,5	19	3571	77,63	VR573.1K-3E132M/4D	91372	204		
	2,3	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	2,8	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	3,1	M5 (2m)	15	28	4789	51,97	VR573.1K-3E160L/4D	87774	261		
	3,8	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	4,3	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	281		
	4,8	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311		
	5,7	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320		
	Ø290	0,7	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
		0,8	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
		1,0	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
		1,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
		1,3	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
		1,6	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
		1,8	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
		2,1	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	302	
2,4		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
2,8		M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø290	1,2	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371	
	1,3	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194		
	1,6	M6 (3m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	81646	194		
	1,9	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204		
	2,1	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261		
	2,4	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261		
	2,9	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261		
	3,2	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281		
	3,9	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281		
	4,4	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311		
5,0	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311			
5,9	M4 (1Am)	22	52	3852	28,30	VR573.1K-3E180L/4D	92064	320			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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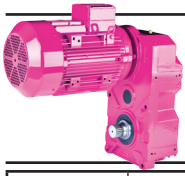
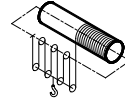
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed Drum Diameter	Vinç* Sınıfı Crane* Class Hubgeschwindigkeit	Motor Gücü Power Leistung	IE3 Çıkış Devri Output Speeds Abtriebsdrehzahlen	IE3 Çıkış Momenti Output Torque Abtriebsdrehmomente	Çevrim Oranı Ratio Übersetzung	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight Gewicht	Ölçü Sayfası Dim. Page Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø290	0,8	M8 (5m)	3,0	6,8	4062	213,15	VR673.1K-100L/4b-L04	88704	275	372
	0,9	M8 (5m)	4,0	7,6	4827	189,61	VR673.1K-112M/4-L05	95895	282	
	1,0	M8 (5m)	4,0	9,0	4125	161,66	VR673.1K-112M/4-L05	101441	282	
	1,2	M8 (5m)	5,5	11	4726	134,51	VR673.1K-132S/4-L10	103513	292	
	1,4	M8 (5m)	5,5	12	4218	119,86	VR673.1K-132S/4-L10	107358	292	
	1,6	M8 (5m)	7,5	14	4898	102,10	VR673.1K-132M/4-L10	108319	302	
	1,9	M8 (5m)	7,5	17	4220	87,77	VR673.1K-132M/4-L10	110802	302	
	2,2	M8 (5m)	11	19	5381	76,17	VR673.1K-160M/4-L20	110684	359	
	2,5	M8 (5m)	11	22	4713	66,59	VR673.1K-160M/4-L20	112811	359	
	2,9	M8 (5m)	11	25	4149	58,54	VR673.1K-160M/4-L20	114662	359	
Ø300	1,2	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,4	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	1,6	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,0	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	2,2	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	2,5	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	3,0	M5 (2m)	11	25	3938	58,36	VR573.1K-3E160M/4C	89412	261	
	3,3	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	4,1	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	4,6	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	5,2	M4 (1Am)	18,5	44	3808	33,46	VR573.1K-3E180M/4C	92854	311	
	0,8	M8 (5m)	3,0	6,8	3922	213,15	VR673.1K-3E100L/4D	87903	275	372
	0,9	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	1,1	M8 (5m)	4,0	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	1,3	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,4	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	1,7	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	2,0	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	2,3	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	2,6	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
3,0	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø310	1,2	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,4	M6 (3m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	82997	194	
	1,7	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,0	M5 (2m)	7,5	17	4036	87,90	VR573.1K-3E132M/4D	91322	204	
	2,3	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	2,6	M5 (2m)	11	21	4646	69,00	VR573.1K-3E160M/4C	89109	261	
	3,1	M4 (1Am)	11	25	3938	58,36	VR573.1K-3E160M/4C	96061	261	
	3,4	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	4,2	M4 (1Am)	15	34	3933	42,62	VR573.1K-3E160L/4D	93789	281	
	4,8	M4 (1Am)	18,5	39	4292	37,64	VR573.1K-3E180M/4C	92583	311	
	5,4	M4 (1Am)	22	44	4528	33,46	VR573.1K-3E180L/4D	91686	320	
	0,8	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	275	372
	0,9	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	1,1	M8 (5m)	4,00	9,0	3956	161,66	VR673.1K-3E112M/4D	100826	282	
	1,3	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,5	M8 (5m)	5,5	12	4044	119,86	VR673.1K-3E132S/4C	106941	292	
	1,7	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	2,0	M8 (5m)	7,5	17	4033	87,77	VR673.1K-3E132M/4D	110484	302	
	2,3	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	2,7	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
3,1	M8 (5m)	11	25	3952	58,54	VR673.1K-3E160M/4C	114448	359		
Ø320	1,3	M6 (3m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	81567	194	371
	1,4	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

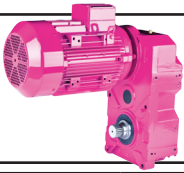
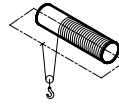
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø320	1,7	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	371
	2,1	M5 (2m)	11	17	5920	87,90	VR573.1K-3E160M/4C	88266	204	
	2,4	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	2,7	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	3,2	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	3,6	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	0,9	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	1,0	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	1,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,5	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	292	
	1,8	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	2,1	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	302	
	2,4	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
2,8	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
3,2	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø330	1,3	M5 (2m)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	97083	194	371
	1,5	M5 (2m)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	95485	194	
	1,8	M5 (2m)	7,5	14	4932	107,18	VR573.1K-3E132M/4D	92019	204	
	2,2	M5 (2m)	11	17	5920	87,90	VR573.1K-3E160M/4C	88266	261	
	2,4	M5 (2m)	11	19	5237	77,63	VR573.1K-3E160M/4C	88669	261	
	2,8	M4 (1Am)	11	21	4646	69,00	VR573.1K-3E160M/4C	96563	261	
	3,3	M4 (1Am)	15	25	5371	58,36	VR573.1K-3E160L/4D	93738	281	
	3,7	M4 (1Am)	15	28	4789	51,97	VR573.1K-3E160L/4D	93802	281	
	0,9	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	1,0	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	1,2	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,6	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
	1,9	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
2,2	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	359		
2,5	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359		
2,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
3,3	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø340	0,9	M8 (5m)	4,0	6,8	5230	213,15	VR673.1K-3E112M/4D	86185	282	372
	1,0	M8 (5m)	4,0	7,6	4661	189,61	VR673.1K-3E112M/4D	95289	282	
	1,2	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,4	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292	
	1,6	M8 (5m)	7,5	12	5515	119,86	VR673.1K-3E132M/4D	105009	302	
	1,9	M8 (5m)	7,5	14	4697	102,10	VR673.1K-3E132M/4D	108007	302	
	2,2	M8 (5m)	11	17	5914	87,77	VR673.1K-3E160M/4C	108011	359	
	2,6	M8 (5m)	11	19	5143	76,17	VR673.1K-3E160M/4C	110481	359	
	2,9	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359	
	3,4	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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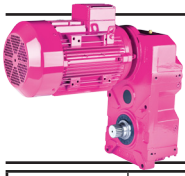
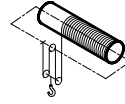
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø360	4,9	M7 (4m)	22	8,6	22927	170,32	VR873.1K-3E180L/4D	122983	890	374	
	5,5	M7 (4m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	127098	890		
	6,2	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965		
	7,1	M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970		
	8,1	M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970		
	9,2	M6 (3m)	45	16	25126	91,16	VR873.1K-3E225M/4D	155794	1065		
	10,3	M6 (3m)	45	18	22467	81,40	VR873.1K-3E225M/4D	158348	1065		
	11,5	M6 (3m)	55	20	24603	73,09	VR873.1K-3E250M/4D	157033	1180		
	12,1	M6 (3m)	55	21	23212	69,01	VR873.1K-3E250M/4D	159301	1180		
	13,9	M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310		
	15,8	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310		
	17,9	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370		
	Ø380	5,1	M6 (3m)	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	148197	890	374
5,8		M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412	890		
6,6		M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965		
7,5		M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970		
8,6		M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970		
9,7		M5 (2m)	45	16	25126	91,16	VR873.1K-3E225M/4D	171051	1065		
10,8		M5 (2m)	55	18	27460	81,40	VR873.1K-3E250M/4D	167961	1180		
12,1		M5 (2m)	55	20	24603	73,09	VR873.1K-3E250M/4D	169292	1180		
12,8		M5 (2m)	55	21	23212	69,01	VR873.1K-3E250M/4D	170518	1180		
14,7		M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310		
16,7		M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310		
18,9		M4 (1Am)	90	32	25836	46,82	VR873.1K-3G280M/4	174140	1370		
Ø400		5,4	M6 (3m)	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	148197	890	374
	6,1	M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412	890		
	6,9	M5 (2m)	30	11	24571	134,22	VR873.1K-3E200L/4D	179885	965		
	7,9	M5 (2m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970		
	10,2	M5 (2m)	45	14	25126	91,16	VR873.1K-3E225M/4D	171051	1065		
	11,4	M5 (2m)	55	16	27460	81,40	VR873.1K-3E250M/4D	167961	1180		
	12,7	M5 (2m)	55	18	24603	73,09	VR873.1K-3E250M/4D	169292	1180		
	13,5	M4 (1Am)	75	20	31653	69,01	VR873.1K-3G280S/4	175712	1310		
	15,5	M4 (1Am)	75	21	27660	60,33	VR873.1K-3G280S/4	176729	1310		
	17,6	M4 (1Am)	75	25	24353	53,03	VR873.1K-3G280S/4	177299	1310		
	19,9	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370		
	Ø420	5,7	M5	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	188270	890	374
		6,4	M5	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	182750	890	
7,2		M5	37	11	30304	134,22	VR873.1K-2ED200L/4D	175314	970		
8,3		M4	37	13	26378	116,84	VR873.1K-2ED200L/4D	196982	970		
10,7		M4	55	14	30710	91,16	VR873.1K-3E250M/4D	183179	1180		
12,0		M4	55	16	27460	81,40	VR873.1K-3E250M/4D	182603	1180		
13,4		M4	75	18	33549	73,09	VR873.1K-3G280S/4	175265	1310		
14,2		M4	75	20	31653	69,01	VR873.1K-3G280S/4	175712	1310		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

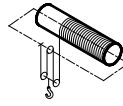
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds Abtriebsdrehzahlen	IE3 Çıkış Momenti Output Torque Abtriebsdrehmomente	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık	Ölçü Sayfası	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø320	1,7	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372	
	1,9	M6 (3m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	121867	359		
	2,3	M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359		
	2,7	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379		
	3,1	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379		
	3,6	M5 (2m)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	130890	408		
	4,2	M4 (1Am)	18,5	17	9880	87,77	VR673.1K-3E180M/4C	142357	408		
	4,8	M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418		
	5,6	M4 (1Am)	30	22	12199	66,59	VR673.1K-3E200L/4D	134953	464		
	6,3	M4 (1Am)	30	25	10741	58,54	VR673.1K-3E200L/4D	135366	464		
	1,6	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
	1,8	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
	2,2	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
	2,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
	2,9	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
	3,3	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	3,8	M8 (5m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	139390	529		
	4,3	M7 (4m)	18,5	17	9723	85,99	VR773.1K-3E180M/4C	153266	529		
	4,8	M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
	5,4	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
	5,6	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
	6,5	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
	7,5	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621		
	4,5	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	374	
	5,1	M8 (5m)	22	20	9921	73,09	VR873.1K-3E180L/4D	147005	890		
	5,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	6,1	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
	7,0	M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025		
	7,9	M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147350	1025		
	Ø340	1,8	M4 (1Am)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	193088	359	372
		2,1	M4 (1Am)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	174122	359	
		2,4	M4 (1Am)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	163152	359	
		2,9	M4 (1Am)	15	11	12274	134,51	VR673.1K-3E160L/4D	151963	379	
1,7		M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373	
2,0		M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480		
2,4		M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480		
2,6		M8 (5m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	128335	500		
3,0		M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
3,5		M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	500		
4,0		M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529		
4,6		M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
5,1		M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539		
5,8		M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
6,0		M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585		
6,9		M6 (3m)	30	26	10457	56,82	VR773.1K-3E200L/4D	160988	585		
8,0		M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
3,8		M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	374	
4,3		M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
4,8		M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890		
5,4		M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
5,7		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
6,5		M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
7,4		M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025		
8,4		M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147350	1025		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

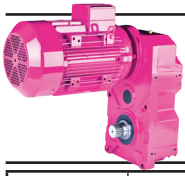
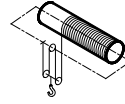
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø360	1,8	M8 (5m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	106402	480	373	
	2,1	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	2,5	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	2,8	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	3,2	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	3,7	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
	4,3	M6 (3m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	163176	529		
	4,8	M6 (3m)	22	17	11562	85,99	VR773.1K-3E180L/4D	162381	539		
	5,4	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	6,1	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	6,4	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	7,3	M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	621		
	8,4	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
	Ø380	2,4	M8 (5m)	11	8,6	11464	170,32	VR873.1K-3E160M/4C	105849	800	374
		2,7	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
		3,1	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
		3,6	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	
		4,1	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	
		4,6	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890	
		5,1	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
5,7		M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
6,0		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
6,9		M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
7,9		M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025		
8,9		M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065		
Ø380	1,9	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	2,2	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	2,6	M7 (4m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	140118	500		
	2,9	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	3,4	M6 (3m)	15	11	11783	128,81	VR773.1K-3E160L/4D	163612	500		
	3,9	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	4,5	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	5,1	M6 (3m)	22	17	11562	85,99	VR773.1K-3E180L/4D	162381	539		
	5,7	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	6,5	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	6,7	M5 (2m)	30	22	12050	65,59	VR773.1K-3E200L/4D	171366	585		
	7,7	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621		
	8,9	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645		
	Ø400	2,6	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
		2,9	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
		3,3	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
3,8		M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
4,3		M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
4,8		M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
5,4		M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
6,0		M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
6,4		M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
7,3		M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
8,3		M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025		
9,4		M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065		
Ø400	2,0	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	2,3	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	2,8	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	3,1	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	3,6	M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	529		
	4,1	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	4,7	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	5,4	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585		
	6,1	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

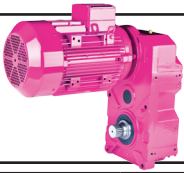
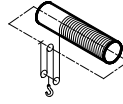
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite		
Ø400	6,8	M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585	373		
	7,1	M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	585			
	8,2	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621			
	9,4	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645			
	2,7	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374		
	3,0	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825			
	3,4	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875			
	4,0	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875			
	4,5	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890			
	5,1	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965			
	5,7	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			
	6,3	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965			
	6,7	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
	7,7	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
	8,8	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145751	1065			
	9,9	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
	Ø420	2,1	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737		480	373
		2,4	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812		480	
		2,9	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330		500	
3,3		M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500			
3,8		M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529			
4,3		M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539			
5,0		M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539			
5,7		M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585			
6,4		M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585			
7,1		M5 (2m)	37	22	15426	68,02	VR773.1K-3E225S/4C	168271	585			
7,4		M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	621			
8,6		M4 (1Am)	37	26	12897	56,82	VR773.1K-3E225S/4C	178856	621			
9,8		M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645			
2,8		M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374		
3,2		M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825			
3,6		M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875			
4,1		M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875			
4,7		M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890			
5,3		M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965			
6,0		M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			
6,6	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965				
7,0	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025				
8,1	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025				
9,2	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145751	1065				
10,4	M8 (5m)	55	32	15863	46,82	VR873.1K-3E250M/4D	143228	1180				
Ø440	2,2	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373		
	2,5	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480			
	3,0	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500			
	3,4	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500			
	3,9	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529			
	4,6	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539			
	5,2	M5 (2m)	30	15	17856	97,55	VR773.1K-3E200L/4D	169296	539			
	5,9	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585			
	6,7	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585			
	3,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374	
	3,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825			
	3,8	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875			
	4,3	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890			
	5,0	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890			
	5,6	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965			
	6,2	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

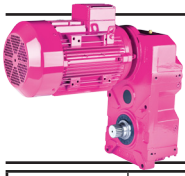
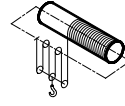
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø440	6.9	M8 (5m)	37	20	16686	73,09	VR873.1K-3E225S/4C	141633	1025	374	
	7.4	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
	8.4	M8 (5m)	45	24	16708	60,33	VR873.1K-3E225M/4D	145819	1065		
	9.6	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145751	1065		
	10.9	M8 (5m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180		
Ø450	2,2	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	2,6	M5 (2m)	15	7,3	18267	200,14	VR773.1K-3E160L/4D	193027	500		
	3,1	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500		
	3,5	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500		
	4,0	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529		
	4,7	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539		
	5,3	M4 (1Am)	30	15	17856	97,55	VR773.1K-3E200L/4D	183837	585		
	6,1	M4 (1Am)	30	17	15767	85,99	VR773.1K-3E200L/4D	182960	585		
	6,8	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585		
	3,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	3,4	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	3,9	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	4,4	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890		
	5,1	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965		
	5,7	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
6,4	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			
7,1	M8 (5m)	37	20	16686	73,09	VR873.1K-3E225S/4C	141633	1025			
7,6	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025			
8,6	M8 (5m)	45	24	16708	60,33	VR873.1K-3E225M/4D	145819	1065			
9,8	M7 (4m)	45	28	14681	53,03	VR873.1K-3E225M/4D	154746	1065			
11,2	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

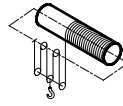
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø280	1,0	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,1	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,3	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302	
	1,6	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302	
	1,8	M8 (5m)	11	12	8034	119,86	VR673.1K-3E160M/4C	101595	359	
	2,1	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	2,5	M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359	
	2,8	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	3,2	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	3,7	M7 (4m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	117739	408	
	2,2	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	373
	2,5	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	2,8	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	3,2	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	3,3	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	3,8	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529	
	4,4	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539	
Ø300	1,1	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,2	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,4	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302	
	1,7	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	302	
	1,9	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	2,3	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	2,6	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379	
	3,0	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	3,5	M7 (4m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	115961	379	
	4,0	M6 (3m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	124880	408	
	1,8	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	373
	2,1	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	2,4	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	2,7	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	3,0	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	3,4	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	3,5	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	
4,1	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529		
4,7	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539		
Ø320	1,1	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,3	M8 (5m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	89848	302	
	1,5	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302	
	1,8	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	2,1	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	2,4	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359	
	2,8	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379	
	3,2	M6 (3m)	15	19	6989	76,17	VR673.1K-3E160L/4D	124542	379	
	3,7	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	4,2	M6 (3m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	124880	408	
	1,5	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423	373
	1,6	M8 (5m)	7,5	9,8	6839	148,95	VR773.1K-3E132M/4D	135735	423	
	1,9	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	2,2	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	2,5	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	2,9	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	3,2	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
3,6	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
3,8	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529		
4,3	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	529		
5,0	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

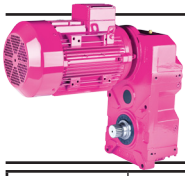
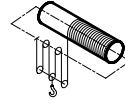
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Göv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø340	1,2	M7 (4m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	104696	292	372	
	1,4	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
	1,6	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302		
	1,9	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359		
	2,2	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359		
	2,6	M7 (4m)	15	14	9330	102,10	VR673.1K-3E160L/4D	111606	379		
	3,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	3,4	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	379		
	3,9	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408		
	4,5	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418		
	1,1	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	1,3	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
	1,6	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423		
	1,8	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
	2,0	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	2,3	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	2,7	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	3,0	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	3,4	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500		
3,8	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529			
4,0	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
4,6	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539			
5,3	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585			
Ø360	1,3	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	1,5	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
	1,7	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	302		
	2,1	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359		
	2,3	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
	2,7	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	3,2	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	3,6	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408		
	4,2	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408		
	4,7	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418		
	1,2	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373
	1,4	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
	1,7	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423		
	1,9	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
	2,1	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	2,5	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480		
	2,8	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	3,2	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	3,6	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
4,1	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529			
4,2	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
4,9	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539			
5,6	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585			
Ø380	1,4	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	1,5	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
	1,8	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359		
	2,2	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359		
	2,4	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359		
	2,9	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	3,3	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379		
	3,8	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408		
	4,4	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418		
	5,0	M5 (2m)	22	25	7877	58,54	VR673.1K-3E180L/4D	130958	418		
	1,2	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413		373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

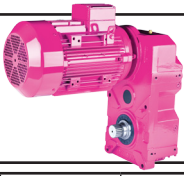
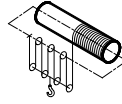
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Crane* Class	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø380	1,5	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	373
	1,7	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,0	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	2,3	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	2,6	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	3,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	3,4	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	3,8	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529	
	4,3	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	529	
	4,5	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539	
	5,2	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	539	
5,9	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585		
Ø400	1,4	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	1,6	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	1,9	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	2,3	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	2,6	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	3,0	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	3,5	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	408	
	4,0	M5 (2m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	131680	408	
	4,6	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	1,3	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	1,5	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	1,8	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,1	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	2,4	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
2,8	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
3,2	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
3,6	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
4,0	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
4,5	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539		
4,7	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
5,4	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	585		
6,2	M7 (4m)	30	30	9146	49,45	VR773.1K-3E200L/4D	151409	585		
Ø420	1,5	M6 (3m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	127019	302	372
	1,7	M6 (3m)	11	7,7	12729	189,61	VR673.1K-3E160M/4C	121971	302	
	2,0	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359	
	2,4	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	2,7	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	3,2	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	3,7	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	4,2	M5 (2m)	22	19	10250	76,17	VR673.1K-3E180L/4D	129537	408	
	4,9	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	1,4	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	1,6	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	1,9	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	2,2	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	2,5	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
2,9	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
3,3	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
3,8	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
4,2	M8 (5m)	22	19	10308	76,29	VR773.1K-3E180L/4D	143908	529		
4,8	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539		
4,9	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
5,7	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
6,5	M7 (4m)	30	30	9146	49,45	VR773.1K-3E200L/4D	151409	585		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

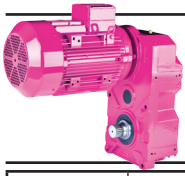
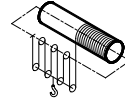
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø270	1,1	M4 (1Am)	5,5	10	4814	143,35	VR573.1K-3E132S/4C	115293	194	371	
	1,2	M4 (1Am)	5,5	12	4268	126,81	VR573.1K-3E132S/4C	109708	194		
	1,4	M4 (1Am)	7,5	14	4915	107,18	VR573.1K-3E132M/4D	103561	204		
	1,8	M4 (1Am)	11	17	5900	87,90	VR573.1K-3E160M/4C	97955	261		
	2,0	M4 (1Am)	11	19	5219	77,63	VR573.1K-3E160M/4C	97086	261		
	0,7	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372	
	0,8	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
	1,0	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	1,2	M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
	1,3	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
	1,5	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
	1,8	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	2,0	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
	2,3	M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
	2,7	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
	Ø280	0,8	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
		0,8	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282	
1,0		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
1,2		M8 (5m)	5,5	11	4531	134,51	VR673.1K-3E132S/4C	103043	292		
1,3		M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
1,6		M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
1,8		M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
2,1		M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
2,4		M8 (5m)	11	22	4488	66,59	VR673.1K-3E160M/4C	112595	359		
2,8		M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø290		0,8	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	0,9	M8 (5m)	4,0	7,7	4629	189,61	VR673.1K-3E112M/4D	95170	282		
	1,0	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	1,2	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	292		
	1,4	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
	1,6	M8 (5m)	7,5	14	4681	102,10	VR673.1K-3E132M/4D	107981	302		
	1,9	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	2,2	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
	2,5	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379		
	2,9	M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
	Ø300	0,8	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
0,9		M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
1,1		M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
1,3		M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302		
1,4		M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
1,7		M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	302		
2,0		M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
2,3		M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
2,6		M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379		
3,0		M8 (5m)	15	25	5389	58,54	VR673.1K-3E160L/4D	112560	379		
Ø320		0,9	M8 (5m)	4,0	6,8	5194	213,15	VR673.1K-3E112M/4D	86040	282	372
	1,0	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292		
	1,1	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292		
	1,4	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302		
	1,5	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302		
	1,8	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359		
	2,1	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359		
	2,4	M8 (5m)	11	19	5125	76,17	VR673.1K-3E160M/4C	110465	359		
	2,8	M8 (5m)	15	22	6120	66,59	VR673.1K-3E160L/4D	110450	379		
	3,2	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

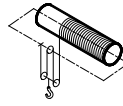
**25 t****8 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø320	3,2	M8 (5m)	15	26	5246	56,82	VR773.1K-3E160L/4D	148625	500	373
	3,7	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529	
Ø340	0,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,0	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,2	M8 (5m)	5,5	9,0	5439	161,66	VR673.1K-3E132S/4C	98877	292	
	1,4	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	1,6	M8 (5m)	7,5	12	5496	119,86	VR673.1K-3E132M/4D	104981	302	
	1,9	M8 (5m)	11	14	6865	102,10	VR673.1K-3E160M/4C	105111	359	
	2,2	M8 (5m)	11	17	5894	87,77	VR673.1K-3E160M/4C	107995	359	
	2,6	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	2,9	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	3,4	M7 (4m)	15	25	5389	58,54	VR673.1K-3E160L/4D	119396	379	
	2,6	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	2,9	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	3,0	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
	3,5	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529	
4,0	M8 (5m)	18,5	30	5621	49,45	VR773.1K-3E180M/4C	146450	529		
Ø360	1,0	M8 (5m)	5,5	6,8	7448	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,1	M8 (5m)	5,5	7,7	6637	189,61	VR673.1K-3E132S/4C	92889	292	
	1,3	M8 (5m)	7,5	9,0	7735	161,66	VR673.1K-3E132M/4D	96278	302	
	1,5	M8 (5m)	7,5	11	6444	134,51	VR673.1K-3E132M/4D	100878	302	
	1,7	M8 (5m)	11	12	8435	119,86	VR673.1K-3E160M/4C	101611	359	
	2,0	M8 (5m)	11	14	7184	102,10	VR673.1K-3E160M/4C	105111	359	
	2,4	M7 (4m)	11	17	6189	87,77	VR673.1K-3E160M/4C	116815	359	
	2,7	M7 (4m)	15	19	7338	76,17	VR673.1K-3E160L/4D	116054	379	
	3,1	M7 (4m)	15	22	6426	66,59	VR673.1K-3E160L/4D	117837	379	
	3,5	M7 (4m)	18,5	25	6978	58,54	VR673.1K-3E180M/4C	117744	408	
	2,4	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480	
	2,7	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	3,1	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500	
	3,2	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500	
3,7	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529		
4,2	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	529		
Ø380	1,0	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372
	1,1	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292	
	1,3	M8 (5m)	7,5	9,0	7417	161,66	VR673.1K-3E132M/4D	96278	302	
	1,6	M8 (5m)	7,5	11	6179	134,51	VR673.1K-3E132M/4D	100878	302	
	1,8	M7 (4m)	11	12	8061	119,86	VR673.1K-3E160M/4C	112605	359	
	2,1	M7 (4m)	11	14	6865	102,10	VR673.1K-3E160M/4C	114895	359	
	2,5	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	359	
	2,9	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379	
	3,3	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379	
	3,7	M7 (4m)	18,5	25	6646	58,54	VR673.1K-3E180M/4C	117744	408	
	2,0	M8 (5m)	11	13	7523	111,53	VR773.1K-3E160M/4C	140996	480	
	2,2	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480	
	2,5	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	2,9	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
3,2	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500		
3,3	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500		
3,9	M8 (5m)	18,5	26	6470	56,82	VR773.1K-3E180M/4C	147306	529		
4,4	M8 (5m)	22	30	6684	49,45	VR773.1K-3E180L/4D	145304	539		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

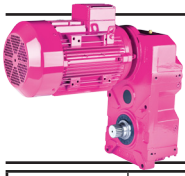
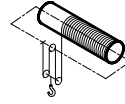
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø340	2,3	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,6	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	2,9	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	3,4	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	3,8	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890	
	4,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	4,8	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	5,4	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	5,7	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	6,5	M8 (5m)	37	25	13710	60,33	VR873.1K-3E225S/4C	148175	1025	
	7,4	M8 (5m)	45	28	14691	53,03	VR873.1K-3E225M/4D	145751	1065	
8,4	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø360	2,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,7	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	3,1	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	3,6	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	4,0	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	4,6	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	5,1	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	5,7	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	6,1	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	6,9	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	7,9	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154747	1065	
8,9	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø380	2,6	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,9	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	3,3	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	3,8	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	4,3	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	4,8	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	5,4	M8 (5m)	37	18	18498	81,40	VR873.1K-3E225S/4C	137584	1025	
	6,0	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	6,4	M7 (4m)	37	21	15658	69,01	VR873.1K-3E225S/4C	155035	1025	
	7,3	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	8,3	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	
9,4	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø400	2,7	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	3,0	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	3,5	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	4,0	M8 (5m)	30	13	21504	116,84	VR873.1K-3E200L/4D	124193	965	
	4,5	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	5,1	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	5,7	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	6,3	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	6,7	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	7,7	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	8,7	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	
9,9	M7 (4m)	75	32	21573	46,82	VR873.1K-3G280S/4	147553	1310		
Ø420	2,8	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	3,2	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	3,6	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	4,1	M8 (5m)	30	13	21504	116,84	VR873.1K-3E200L/4D	124193	965	
	4,7	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	5,3	M7 (4m)	30	16	16774	91,16	VR873.1K-3E200L/4D	148742	965	
	6,0	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	6,7	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	7,1	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	8,1	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	9,2	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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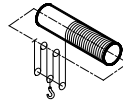
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø420	10,4	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	374
Ø440	3,0	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	3,3	M8 (5m)	22	9,6	17324	152,83	VR873.1K-3E180L/4D	111234	890	
	3,8	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	4,3	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	4,9	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	5,6	M7 (4m)	37	16	16774	91,16	VR873.1K-3E225S/4C	145627	1025	
	6,3	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	7,0	M7 (4m)	45	20	16630	73,09	VR873.1K-3E225M/4D	149386	1065	
	7,4	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	8,5	M7 (4m)	55	25	16675	60,33	VR873.1K-3E250M/4D	151961	1180	
	9,6	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
	10,9	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø460	3,1	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	3,5	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	4,0	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	4,5	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	5,2	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	5,8	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	6,5	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	7,3	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	7,7	M6 (3m)	45	21	19043	69,01	VR873.1K-3E225M/4D	162663	1065	
	8,8	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	10,1	M6 (3m)	75	28	24484	53,03	VR873.1K-3G280S/4	156353	1310	
	11,4	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø480	3,3	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	3,6	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	4,1	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	4,7	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	5,4	M7 (4m)	37	14	23368	102,78	VR873.1K-2ED200L/4D	141423	970	
	6,1	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	6,8	M7 (4m)	45	18	22497	81,40	VR873.1K-3E225M/4D	146004	1065	
	7,6	M6 (3m)	45	20	20225	73,09	VR873.1K-3E225M/4D	160601	1065	
	8,1	M6 (3m)	55	21	23275	69,01	VR873.1K-3E250M/4D	159294	1180	
	9,2	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	10,5	M6 (3m)	75	28	24484	53,03	VR873.1K-3G280S/4	156353	1310	
	11,9	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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Kompakt Motor / Compact Motor / Kompaktmotor

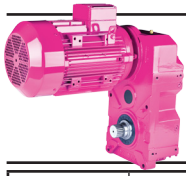
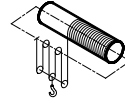
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	1,0	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373
	1,2	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	1,5	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
	1,7	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	1,9	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	2,2	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	2,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	2,9	M8 (5m)	18,5	17	9723	85,99	VR773.1K-3E180M/4C	142757	529	
	3,2	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	3,6	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539	
	3,8	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539	
4,3	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
5,0	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø340	1,1	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373
	1,3	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	1,6	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
	1,8	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	2,0	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	2,3	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	2,7	M8 (5m)	22	15	13139	97,55	VR773.1K-3E180L/4D	137152	500	
	3,1	M8 (5m)	22	17	11562	85,99	VR773.1K-3E180L/4D	140774	539	
	3,4	M8 (5m)	22	19	10273	76,29	VR773.1K-3E180L/4D	143899	539	
	3,8	M7 (4m)	22	22	9203	68,02	VR773.1K-3E180L/4D	155573	539	
	4,0	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	539	
	4,6	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585	
	5,3	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585	
	3,8	M8 (5m)	22	21	9361	69,01	VR873.1K-3E180L/4D	150281	890	374
	4,4	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965	
	4,9	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965	
	5,6	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025	
Ø360	1,2	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373
	1,4	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
	1,7	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
	1,9	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	2,2	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	2,5	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	2,8	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529	
	3,2	M7 (4m)	18,5	17	9723	85,99	VR773.1K-3E180M/4C	153266	529	
	3,6	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539	
	4,1	M7 (4m)	30	22	12550	68,02	VR773.1K-3E200L/4D	151965	585	
	4,2	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	585	
	4,9	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585	
	5,6	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621	
	3,4	M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890	374
3,8	M8 (5m)	22	20	9921	73,09	VR873.1K-3E180L/4D	147005	890		
4,0	M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965		
4,6	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
5,2	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965		
5,9	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø380	1,2	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373
	1,5	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
	1,8	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
	2,0	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	2,3	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	2,6	M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500	
	3,0	M7 (4m)	22	15	13139	97,55	VR773.1K-3E180L/4D	148682	539	
	3,4	M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539	

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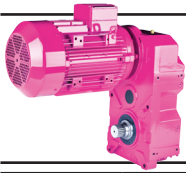
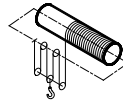
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n_2 [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qm} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø380	3,8	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539	373	
	4,3	M7 (4m)	30	22	12550	68,02	VR773.1K-3E200L/4D	151965	585		
	4,5	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	585		
	5,2	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585		
	5,9	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
	2,8	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875	374	
	3,2	M8 (5m)	18,5	16	10344	91,16	VR873.1K-3E180M/4C	141051	875		
	3,6	M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890		
	4,0	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	4,2	M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965		
	4,9	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
	5,5	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
	6,3	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
	Ø400	1,3	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776		423
		1,5	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480	
		1,8	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
2,1		M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
2,4		M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
2,8		M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
3,2		M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529		
3,6		M7 (4m)	22	17	11562	85,99	VR773.1K-3E180L/4D	151283	539		
4,0		M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585		
4,5		M6 (3m)	30	22	12550	68,02	VR773.1K-3E200L/4D	161312	585		
4,7		M6 (3m)	30	22	12091	65,59	VR773.1K-3E200L/4D	161292	585		
5,4		M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	585		
6,2		M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
2,6		M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	374	
3,0		M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
3,4		M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
3,8		M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890		
4,2		M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
4,5		M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965		
5,1		M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
5,8	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
6,6	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065			
Ø420	1,4	M8 (5m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	106402	480	373	
	1,6	M7 (4m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	140636	480		
	1,9	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480		
	2,2	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	2,5	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	2,9	M7 (4m)	22	13	14995	111,53	VR773.1K-3E180L/4D	145658	539		
	3,3	M6 (3m)	22	15	13139	97,55	VR773.1K-3E180L/4D	160945	539		
	3,8	M6 (3m)	22	17	11562	85,99	VR773.1K-3E180L/4D	162381	539		
	4,2	M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585		
	4,8	M6 (3m)	30	22	12550	68,02	VR773.1K-3E200L/4D	161312	585		
	4,9	M6 (3m)	30	22	12091	65,59	VR773.1K-3E200L/4D	161292	585		
	5,7	M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	621		
	6,6	M5 (2m)	37	30	11242	49,45	VR773.1K-3E225S/4C	168060	621		
	1,9	M8 (5m)	11	8,6	11464	170,32	VR873.1K-3E160M/4C	105849	800	374	
	2,1	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	2,4	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	2,8	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	3,1	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
	3,6	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	4,0	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965		
4,4	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965			
4,7	M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

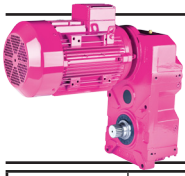
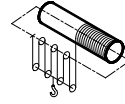
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad. Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø420	5,4	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025	374	
	6,1	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
	6,9	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø440	1,4	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	1,7	M7 (4m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	140636	480		
	2,0	M7 (4m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	140118	500		
	2,3	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	2,6	M6 (3m)	15	11	11783	128,81	VR773.1K-3E160L/4D	163612	500		
	3,0	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	3,5	M6 (3m)	22	15	13139	97,55	VR773.1K-3E180L/4D	160945	539		
	3,9	M6 (3m)	30	17	15767	85,99	VR773.1K-3E200L/4D	157848	539		
	4,5	M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585		
	5,0	M5 (2m)	30	22	12550	68,02	VR773.1K-3E200L/4D	171422	585		
	5,2	M5 (2m)	30	22	12091	65,59	VR773.1K-3E200L/4D	171372	585		
	2,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	2,2	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	2,5	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	2,9	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	3,3	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890		
	3,7	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	4,2	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965		
	4,6	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	4,9	M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965		
	5,6	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
6,4	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
7,3	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065			
Ø460	1,5	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	1,7	M7 (4m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	140636	480		
	2,1	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	2,3	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	2,7	M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	500		
	3,1	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	3,5	M6 (3m)	22	15	13139	97,55	VR773.1K-3E180L/4D	160945	539		
	4,0	M6 (3m)	30	17	15767	85,99	VR773.1K-3E200L/4D	157848	585		
	4,6	M5 (2m)	30	19	14008	76,29	VR773.1K-3E200L/4D	170703	585		
	5,1	M5 (2m)	30	22	12550	68,02	VR773.1K-3E200L/4D	171422	585		
	5,3	M5 (2m)	30	22	12091	65,59	VR773.1K-3E200L/4D	171372	585		
	2,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	2,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	2,6	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	3,0	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	3,4	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890		
	3,8	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	4,3	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965		
	4,7	M8 (5m)	30	20	13529	73,09	VR873.1K-3E200L/4D	144142	965		
	5,0	M8 (5m)	30	21	12765	69,01	VR873.1K-3E200L/4D	147581	965		
	5,8	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
6,5	M8 (5m)	45	28	14711	53,03	VR873.1K-3E225M/4D	145753	1065			
7,4	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

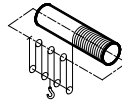
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page		
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø280	0,8	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292	372		
	0,8	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889	292			
	1,0	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302			
	1,2	M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302			
	1,3	M8 (5m)	11	12	8034	119,86	VR673.1K-3E160M/4C	101595	359			
	1,6	M8 (5m)	11	14	6842	102,10	VR673.1K-3E160M/4C	105095	359			
	1,8	M7 (4m)	11	17	5894	87,77	VR673.1K-3E160M/4C	116815	359			
	2,1	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	2,4	M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
	2,8	M7 (4m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	117739	408			
	1,9	M8 (5m)	11	17	5801	85,99	VR773.1K-3E160M/4C	147036	480		373	
	2,1	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
	2,4	M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500			
	2,5	M8 (5m)	15	22	6046	65,59	VR773.1K-3E160L/4D	149571	500			
	2,9	M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529			
	3,3	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	529			
	Ø300	0,8	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481		292	372
		0,9	M8 (5m)	5,5	7,7	6364	189,61	VR673.1K-3E132S/4C	92889		292	
		1,1	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243		302	
1,3		M8 (5m)	7,5	11	6158	134,51	VR673.1K-3E132M/4D	100847	302			
1,4		M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359			
1,7		M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359			
2,0		M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
2,3		M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
2,6		M7 (4m)	15	22	6120	66,59	VR673.1K-3E160L/4D	117837	379			
3,0		M6 (3m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	124880	408			
1,6		M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	373		
1,8		M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480			
2,0		M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
2,3		M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
2,5		M8 (5m)	15	22	6275	68,02	VR773.1K-3E160L/4D	149785	500			
2,6		M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	500			
3,1		M8 (5m)	18,5	26	6448	56,82	VR773.1K-3E180M/4C	147287	529			
3,5		M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539			
Ø320		0,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481		292	
	1,0	M8 (5m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	89848	302			
	1,1	M8 (5m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	96243	302			
	1,4	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359			
	1,5	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359			
	1,8	M7 (4m)	11	14	6842	102,10	VR673.1K-3E160M/4C	114875	359			
	2,1	M7 (4m)	15	17	8038	87,77	VR673.1K-3E160L/4D	113998	379			
	2,4	M7 (4m)	15	19	6989	76,17	VR673.1K-3E160L/4D	116054	379			
	2,8	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408			
	3,2	M6 (3m)	18,5	25	6623	58,54	VR673.1K-3E180M/4C	124880	408			
	1,4	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	373		
	1,7	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480			
	1,9	M8 (5m)	11	15	6569	97,55	VR773.1K-3E160M/4C	144234	480			
	2,1	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500			
	2,4	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500			
	2,7	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529			
	2,8	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529			
	3,3	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	529			
	3,7	M8 (5m)	22	30	6707	49,45	VR773.1K-3E180L/4D	145321	539			
Ø340	0,9	M8 (5m)	5,5	6,8	7142	213,15	VR673.1K-3E132S/4C	83481	292		372	
	1,0	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

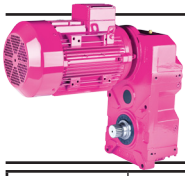
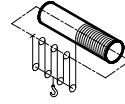
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	1,2	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302	372
	1,5	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	1,6	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	1,9	M7 (4m)	15	14	9330	102,10	VR673.1K-3E160L/4D	111606	359	
	2,2	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	2,6	M6 (3m)	15	19	6989	76,17	VR673.1K-3E160L/4D	124542	379	
	2,9	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	3,4	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418	
	1,2	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423	373
	1,3	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	423	
	1,5	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	1,8	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	2,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	2,3	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	2,6	M8 (5m)	15	19	7028	76,29	VR773.1K-3E160L/4D	147444	500	
	2,9	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529	
	3,0	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529	
3,5	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
4,0	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585		
Ø360	1,0	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	1,1	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	1,3	M7 (4m)	7,5	9,1	7392	161,66	VR673.1K-3E132M/4D	110778	302	
	1,5	M7 (4m)	11	11	9032	134,51	VR673.1K-3E160M/4C	109524	359	
	1,7	M7 (4m)	11	12	8034	119,86	VR673.1K-3E160M/4C	112584	359	
	2,0	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	2,4	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	2,7	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	3,1	M6 (3m)	18,5	22	7548	66,59	VR673.1K-3E180M/4C	123716	408	
	3,6	M6 (3m)	22	25	7877	58,54	VR673.1K-3E180L/4D	123233	418	
	0,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	1,0	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	1,2	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423	
	1,4	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	1,6	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	
	1,9	M8 (5m)	11	13	7497	111,53	VR773.1K-3E160M/4C	140963	480	
	2,1	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
2,4	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
2,7	M8 (5m)	18,5	19	7028	76,29	VR773.1K-3E160L/4D	147444	529		
3,1	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
3,2	M8 (5m)	18,5	22	7456	65,59	VR773.1K-3E180M/4C	148050	529		
3,7	M8 (5m)	22	26	7668	56,82	VR773.1K-3E180L/4D	145972	539		
4,2	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585		
Ø380	1,0	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372
	1,1	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302	
	1,4	M7 (4m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	106246	359	
	1,6	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359	
	1,8	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359	
	2,1	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	2,5	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	2,9	M6 (3m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	122399	408	
	3,3	M6 (3m)	22	22	8976	66,59	VR673.1K-3E180L/4D	121840	408	
	3,8	M5 (2m)	22	25	7877	58,54	VR673.1K-3E180L/4D	130958	418	
	0,9	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	1,1	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423	
	1,3	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	423	
	1,5	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480	
	1,7	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

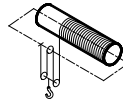
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Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite	
Ø380	2,0	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	373	
	2,2	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
	2,5	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500		
	2,9	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529		
	3,2	M8 (5m)	18,5	22	7739	68,02	VR773.1K-3E180M/4C	148206	529		
	3,3	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
	3,9	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	539		
	4,4	M8 (5m)	30	30	9146	49,45	VR773.1K-3E200L/4D	142692	585		
Ø400	1,1	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	1,2	M7 (4m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	107207	302		
	1,4	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	1,7	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359		
	1,9	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	359		
	2,3	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	2,6	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	379		
	3,0	M5 (2m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	131680	408		
	3,5	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418		
	1,0	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373
	1,1	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
	1,4	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	1,5	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
	1,8	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	2,1	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	2,4	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
2,7	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529			
3,0	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529			
3,4	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539			
3,5	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539			
4,1	M8 (5m)	30	26	10457	56,82	VR773.1K-3E200L/4D	142965	585			
4,7	M7 (4m)	30	30	9146	49,45	VR773.1K-3E200L/4D	151409	585			
Ø420	1,1	M7 (4m)	7,5	6,8	9739	213,15	VR673.1K-3E132M/4D	101284	302	372	
	1,3	M6 (3m)	7,5	7,7	8679	189,61	VR673.1K-3E132M/4D	127293	302		
	1,5	M6 (3m)	11	9,1	10841	161,66	VR673.1K-3E160M/4C	122575	359		
	1,8	M6 (3m)	11	11	9032	134,51	VR673.1K-3E160M/4C	123236	359		
	2,0	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379		
	2,4	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379		
	2,8	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408		
	3,2	M5 (2m)	18,5	19	8620	76,17	VR673.1K-3E180M/4C	131680	408		
	3,6	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418		
	1,0	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423		373
	1,2	M8 (5m)	7,5	7,3	9196	200,14	VR773.1K-3E132M/4D	122614	423		
	1,5	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
	1,6	M8 (5m)	11	9,8	10031	148,95	VR773.1K-3E160M/4C	132294	480		
	1,9	M8 (5m)	11	11	8670	128,81	VR773.1K-3E160M/4C	137126	480		
	2,2	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
	2,5	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500		
2,8	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529			
3,2	M8 (5m)	18,5	19	8668	76,29	VR773.1K-3E180M/4C	145676	529			
3,6	M8 (5m)	22	22	9203	68,02	VR773.1K-3E180L/4D	146628	539			
3,7	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539			
4,3	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585			
4,9	M7 (4m)	30	30	9146	49,45	VR773.1K-3E200L/4D	151409	585			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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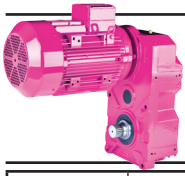
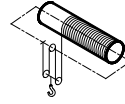
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{gam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø360	2,4	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	2,7	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	3,1	M8 (5m)	22	11	18080	134,22	VR873.1K-3E180L/4D	121311	890	
	3,6	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	4,1	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	4,6	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	5,1	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	5,7	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	6,0	M7 (4m)	45	21	19056	69,01	VR873.1K-3E225M/4D	152343	1065	
	6,9	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
7,9	M6 (3m)	55	28	17895	53,03	VR873.1K-3E250M/4D	161552	1180		
9,0	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310		
Ø380	2,6	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	2,9	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	3,3	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	3,8	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	4,3	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	4,8	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	5,4	M7 (4m)	45	18	22452	81,40	VR873.1K-3E225M/4D	146005	1065	
	6,0	M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160600	1065	
	6,4	M6 (3m)	45	21	19056	69,01	VR873.1K-3E225M/4D	162663	1065	
	7,3	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	8,3	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	9,5	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
	Ø400	2,7	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	
3,0		M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
3,4		M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
4,0		M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
4,5		M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	970	
5,1		M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159350	1025	
5,7		M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
6,3		M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160600	1065	
6,7		M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
7,7		M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
8,8		M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
10,0		M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø420		2,9	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890
	3,2	M7 (4m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	127139	890	
	3,6	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	4,2	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	4,7	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	5,3	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	6,0	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	6,7	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	7,1	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	8,1	M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155573	1310	
	9,2	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
	10,5	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	
Ø440	3,0	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	3,3	M7 (4m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	127139	890	
	3,8	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	4,4	M6 (3m)	37	13	21431	116,84	VR873.1K-2ED200L/4D	154117	970	
	5,0	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	5,6	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	6,3	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	7,0	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	7,4	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	8,5	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	9,7	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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Kompakt Motor / Compact Motor / Kompaktmotor

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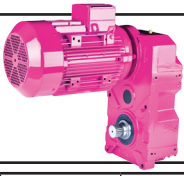
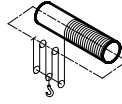
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø440	11,0	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370	374
Ø460	3,1	M6 (3m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	154739	890	374
	3,5	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	4,0	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	4,6	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	5,2	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	5,9	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	6,6	M5 (2m)	55	18	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	7,3	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	7,7	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	8,9	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	10,1	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
	11,5	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370	
Ø480	3,3	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890	374
	3,6	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	4,1	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	4,8	M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
	6,1	M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	6,8	M5 (2m)	55	16	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	7,6	M5 (2m)	55	18	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	8,1	M5 (2m)	75	20	31760	69,01	VR873.1K-3G280S/4	163755	1310	
	9,3	M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
	10,5	M4 (1Am)	75	25	24402	53,03	VR873.1K-3G280S/4	177292	1310	
	12,0	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	
	Ø500	3,4	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890
3,8		M5 (2m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	182835	890	
4,3		M5 (2m)	37	11	30407	134,22	VR873.1K-2ED200L/4D	175358	970	
5,0		M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
6,4		M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
7,1		M4 (1Am)	55	16	27441	81,40	VR873.1K-3E250M/4D	182603	1180	
7,9		M4 (1Am)	75	18	33663	73,09	VR873.1K-3G280S/4	175241	1310	
8,4		M4 (1Am)	75	20	31760	69,01	VR873.1K-3G280S/4	175686	1310	
9,6		M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
11,0		M4 (1Am)	90	25	29282	53,03	VR873.1K-3G280M/4	173401	1370	
12,4		M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	

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Kompakt Motor / Compact Motor / Kompaktmotor

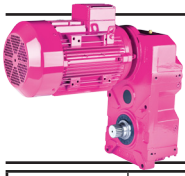
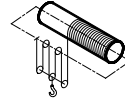
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø360	1,2	M7 (4m)	11	6,3	15613	233,77	VR773.1K-3E160M/4C	134471	480	373
	1,4	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480	
	1,7	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
	1,9	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500	
	2,2	M6 (3m)	18,5	11	14483	128,81	VR773.1K-3E180M/4C	160619	500	
	2,5	M6 (3m)	18,5	13	12567	111,53	VR773.1K-3E180M/4C	161914	529	
	2,8	M6 (3m)	22	15	13139	97,55	VR773.1K-3E180L/4D	160945	539	
	3,2	M6 (3m)	30	17	15767	85,99	VR773.1K-3E200L/4D	157848	585	
	3,6	M5 (2m)	30	19	14008	76,29	VR773.1K-3E200L/4D	170703	585	
	4,1	M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585	
	4,2	M5 (2m)	30	22	12050	65,59	VR773.1K-3E200L/4D	171366	585	
	4,9	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621	
	5,6	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645	
	1,6	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,8	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	2,1	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
	2,4	M8 (5m)	18,5	13	13216	116,84	VR873.1K-3E180M/4C	130718	875	
	2,7	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
	3,0	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890	
	3,4	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
3,8	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
4,0	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
4,6	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
5,3	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145753	1065		
5,9	M8 (5m)	45	32	12988	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø380	1,3	M6 (3m)	11	6,3	15613	233,77	VR773.1K-3E160M/4C	168604	480	373
	1,5	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
	1,8	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
	2,0	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500	
	2,3	M6 (3m)	18,5	11	14483	128,81	VR773.1K-3E180M/4C	160619	529	
	2,6	M5 (2m)	22	13	14944	111,53	VR773.1K-3E180L/4D	174576	529	
	3,0	M5 (2m)	22	15	13139	97,55	VR773.1K-3E180L/4D	174450	539	
	3,4	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585	
	3,8	M5 (2m)	30	19	14008	76,29	VR773.1K-3E200L/4D	170703	585	
	4,3	M5 (2m)	37	22	15426	68,02	VR773.1K-3E225S/4C	168271	585	
	4,5	M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	621	
	5,2	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621	
	5,9	M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645	
	1,7	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,9	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	2,2	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	2,5	M8 (5m)	18,5	13	13216	116,84	VR873.1K-3E180M/4C	130718	875	
	2,9	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
	3,2	M8 (5m)	30	16	16831	91,16	VR873.1K-3E200L/4D	135959	965	
	3,6	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
4,0	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
4,3	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
4,9	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
5,5	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145753	1065		
6,3	M8 (5m)	45	32	12988	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø400	1,3	M6 (3m)	11	6,3	15613	233,77	VR773.1K-3E160M/4C	168604	480	373
	1,5	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480	
	1,8	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500	
	2,1	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500	
	2,4	M5 (2m)	18,5	11	14483	128,81	VR773.1K-3E180M/4C	178098	529	
	2,8	M5 (2m)	22	13	14944	111,53	VR773.1K-3E180L/4D	174576	539	
	3,2	M5 (2m)	30	15	17917	97,55	VR773.1K-3E200L/4D	169299	539	
	3,6	M5 (2m)	30	17	15767	85,99	VR773.1K-3E200L/4D	169983	585	
	4,0	M4 (1Am)	30	19	14008	76,29	VR773.1K-3E200L/4D	182425	585	

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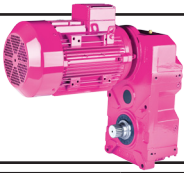
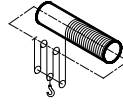
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds	IE3 Çıkış Momenti Output Torque	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø400	4,5	M4 (1Am)	37	22	15426	68,02	VR773.1K-3E225S/4C	178963	621	373
	4,7	M4 (1Am)	37	22	14862	65,59	VR773.1K-3E225S/4C	178995	621	
	5,4	M4 (1Am)	45	26	15685	56,82	VR773.1K-3E225M/4D	175850	645	
	6,2	M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645	
	1,8	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,0	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	2,3	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	2,6	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	3,0	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890	
	3,4	M8 (5m)	30	16	16831	91,16	VR873.1K-3E200L/4D	135959	965	
	3,8	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
	4,2	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	4,5	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025	
	5,1	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025	
5,8	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145753	1065		
6,6	M7 (4m)	55	32	15874	46,82	VR873.1K-3E250M/4D	152135	1180		
Ø420	1,4	M6 (3m)	11	6,3	15613	233,77	VR773.1K-3E160M/4C	168604	480	373
	1,6	M5 (2m)	15	7,3	18267	200,14	VR773.1K-3E160L/4D	193027	500	
	1,9	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500	
	2,2	M5 (2m)	18,5	9,9	16812	148,95	VR773.1K-3E180M/4C	179786	500	
	2,5	M5 (2m)	18,5	11	14483	128,81	VR773.1K-3E180M/4C	178098	529	
	2,9	M5 (2m)	22	13	14944	111,53	VR773.1K-3E180L/4D	174576	539	
	3,3	M4 (1Am)	30	15	17917	97,55	VR773.1K-3E200L/4D	183846	585	
	3,8	M4 (1Am)	30	17	15767	85,99	VR773.1K-3E200L/4D	182960	585	
	4,2	M4 (1Am)	30	19	14008	76,29	VR773.1K-3E200L/4D	182425	585	
	4,8	M4 (1Am)	37	22	15426	68,02	VR773.1K-3E225S/4C	178963	621	
	4,9	M4 (1Am)	37	22	14862	65,59	VR773.1K-3E225S/4C	178995	621	
	5,7	M4 (1Am)	45	26	15685	56,82	VR773.1K-3E225M/4D	175850	645	
	1,9	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,1	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
2,4	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
2,8	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890		
3,2	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965		
3,5	M8 (5m)	30	16	16831	91,16	VR873.1K-3E200L/4D	135959	965		
4,0	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
4,4	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025		
4,7	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
5,4	M8 (5m)	45	24	16708	60,33	VR873.1K-3E225M/4D	145819	1065		
6,1	M7 (4m)	45	28	14681	53,03	VR873.1K-3E225M/4D	154749	1065		
6,9	M7 (4m)	55	32	15874	46,82	VR873.1K-3E250M/4D	152135	1180		
Ø440	2,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,2	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	2,5	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	2,9	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	3,3	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965	
	3,7	M8 (5m)	30	16	16831	91,16	VR873.1K-3E200L/4D	135959	965	
	4,2	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
	4,6	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	4,9	M7 (4m)	37	21	15690	69,01	VR873.1K-3E225S/4C	155040	1025	
	5,6	M7 (4m)	45	24	16708	60,33	VR873.1K-3E225M/4D	154910	1065	
6,4	M7 (4m)	55	28	17943	53,03	VR873.1K-3E250M/4D	152151	1180		
7,3	M7 (4m)	55	32	15874	46,82	VR873.1K-3E250M/4D	152135	1180		
Ø460	2,0	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	2,3	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	2,6	M8 (5m)	22	11	18080	134,22	VR873.1K-3E180L/4D	121311	890	
	3,0	M8 (5m)	22	13	15716	116,84	VR873.1K-3E180L/4D	128730	890	
	3,4	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

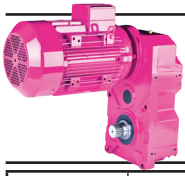
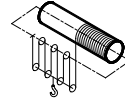
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø460	3,8	M8 (5m)	30	16	16831	91,16	VR873.1K-3E200L/4D	135959	965	374
	4,3	M8 (5m)	37	18	18561	81,40	VR873.1K-3E225S/4C	137589	1025	
	4,8	M7 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	5,0	M7 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	155040	1025	
	5,8	M7 (5m)	45	24	16708	60,33	VR873.1K-3E225M/4D	154910	1065	
	6,6	M7 (4m)	55	28	17943	53,03	VR873.1K-3E250M/4D	152151	1180	
	7,4	M7 (4m)	55	32	15874	46,82	VR873.1K-3E250M/4D	152135	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

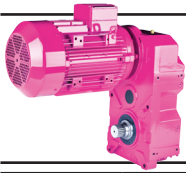
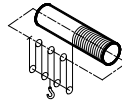
**40 t****8 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds Abtriebsdrehzahlen	IE3 Çıkış Momenti Output Torque Abtriebsdrehmomente	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Power	Abtriebsdrehzahlen	Abtriebsdrehmomente	Ratio	Type	Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qm} [N]	[kg]	
Ø300	0,8	M7 (4m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	101210	302	372
	0,9	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302	
	1,1	M7 (4m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	106217	359	
	1,3	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	1,4	M6 (3m)	11	12	8034	119,86	VR673.1K-3E160M/4C	124506	359	
	1,7	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	2,0	M6 (3m)	15	17	8038	87,77	VR673.1K-3E160L/4D	123378	379	
	2,3	M6 (3m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	122393	408	
	2,6	M6 (3m)	22	22	8976	66,59	VR673.1K-3E180L/4D	121840	408	
	3,0	M5 (2m)	22	25	7903	58,54	VR673.1K-3E180L/4D	130962	418	
	0,7	M8 (5m)	5,5	6,2	7860	233,77	VR773.1K-3E132S/4C	114944	413	373
	0,9	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	1,0	M8 (5m)	7,5	8,8	7633	166,50	VR773.1K-3E132M/4D	129498	423	
	1,2	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	1,3	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	1,6	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	480	
	1,8	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	2,0	M8 (5m)	15	17	7910	85,99	VR773.1K-3E160L/4D	144762	500	
	2,3	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	2,6	M8 (5m)	18,5	22	7713	68,02	VR773.1K-3E180M/4C	148191	529	
2,6	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	529		
3,0	M8 (5m)	22	26	7694	56,82	VR773.1K-3E180L/4D	145986	539		
3,5	M8 (5m)	30	30	9115	49,45	VR773.1K-3E200L/4D	142683	585		
Ø320	0,9	M7 (4m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	101210	302	372
	1,0	M7 (4m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	107152	302	
	1,1	M6 (3m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	122536	359	
	1,4	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	1,5	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	359	
	1,8	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	2,1	M6 (3m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	120914	379	
	2,4	M5 (2m)	18,5	19	8590	76,17	VR673.1K-3E180M/4C	131671	408	
	2,8	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	3,2	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	0,8	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	0,9	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	1,1	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	1,2	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	1,4	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	1,7	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	1,9	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	2,1	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529	
	2,4	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	2,7	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539	
2,8	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539		
3,2	M8 (5m)	30	26	10492	56,82	VR773.1K-3E200L/4D	142970	585		
3,7	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø340	0,9	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372
	1,0	M6 (3m)	7,5	7,7	8649	189,61	VR673.1K-3E132M/4D	127223	302	
	1,2	M6 (3m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	122536	359	
	1,5	M6 (3m)	11	11	9001	134,51	VR673.1K-3E160M/4C	123203	359	
	1,6	M6 (3m)	15	12	10955	119,86	VR673.1K-3E160L/4D	120668	379	
	1,9	M6 (3m)	15	14	9330	102,10	VR673.1K-3E160L/4D	122100	379	
	2,2	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	2,6	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	408	
	2,9	M5 (2m)	22	22	8976	66,59	VR673.1K-3E180L/4D	130270	418	
	3,4	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	0,8	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

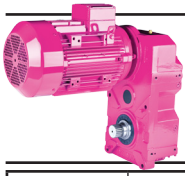
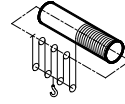
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	1,0	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	373
	1,2	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	1,3	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	1,5	M8 (5m)	11	11	8641	128,81	VR773.1K-3E160M/4C	137090	480	
	1,8	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
	2,0	M8 (5m)	15	15	8958	97,55	VR773.1K-3E160L/4D	141659	500	
	2,3	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529	
	2,6	M8 (5m)	18,5	19	8639	76,29	VR773.1K-3E180M/4C	145661	529	
	2,9	M8 (5m)	22	22	9172	68,02	VR773.1K-3E180L/4D	146618	539	
	3,0	M8 (5m)	22	22	8867	65,59	VR773.1K-3E180L/4D	146529	539	
3,5	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
4,0	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
Ø360	1,0	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372
	1,1	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359	
	1,3	M6 (3m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	122536	359	
	1,5	M6 (3m)	15	11	12274	134,51	VR673.1K-3E160L/4D	118902	359	
	1,7	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379	
	2,0	M5 (2m)	15	14	9330	102,10	VR673.1K-3E160L/4D	133758	379	
	2,4	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	2,7	M5 (2m)	22	19	10216	76,17	VR673.1K-3E180L/4D	129536	418	
	3,1	M5 (2m)	30	22	12241	66,59	VR673.1K-3E200L/4D	125981	418	
	3,5	M5 (2m)	30	25	10777	58,54	VR673.1K-3E200L/4D	127185	464	
	0,9	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373
	1,0	M8 (5m)	7,5	7,3	9165	200,14	VR773.1K-3E132M/4D	122543	423	
	1,2	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480	
	1,4	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480	
	1,6	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	1,9	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500	
2,1	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	500		
2,4	M8 (5m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	142772	529		
2,7	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
3,1	M7 (4m)	22	22	9172	68,02	VR773.1K-3E180L/4D	155561	539		
3,2	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	585		
3,7	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
4,2	M7 (4m)	30	30	9115	49,45	VR773.1K-3E200L/4D	151398	585		
2,9	M8 (5m)	22	20	9888	73,09	VR873.1K-3E180L/4D	146980	890	374	
3,0	M8 (5m)	22	21	9329	69,01	VR873.1K-3E180L/4D	150258	890		
3,4	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
3,9	M8 (5m)	30	28	9807	53,03	VR873.1K-3E200L/4D	149644	965		
4,5	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
Ø380	1,0	M6 (3m)	7,5	6,9	9705	213,15	VR673.1K-3E132M/4D	126919	302	372
	1,2	M6 (3m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	121919	359	
	1,4	M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359	
	1,6	M5 (2m)	15	11	12274	134,51	VR673.1K-3E160L/4D	134529	379	
	1,8	M5 (2m)	15	12	10955	119,86	VR673.1K-3E160L/4D	134063	379	
	2,1	M5 (2m)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	130898	408	
	2,5	M5 (2m)	18,5	17	9913	87,77	VR673.1K-3E180M/4C	131243	408	
	2,9	M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418	
	3,3	M4 (1Am)	30	22	12241	66,59	VR673.1K-3E200L/4D	134944	464	
	3,7	M4 (1Am)	30	25	10777	58,54	VR673.1K-3E200L/4D	135359	464	
0,9	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
1,1	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
1,3	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
1,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
1,7	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
2,0	M8 (5m)	15	13	10224	111,53	VR773.1K-3E160L/4D	138024	500		
2,2	M8 (5m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	139405	529		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

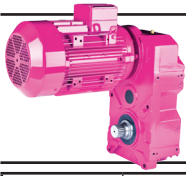
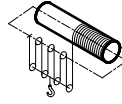
**40 t****8 / 1**

Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü	IE3 Çıkış Devri Output Speeds Abtriebsdrehzahlen	IE3 Çıkış Momenti Output Torque Abtriebsdrehmomente	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık	Ölçü Sayfası
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Type	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebsdrehzahlen	Abtriebsdrehmomente	Übersetzung	Typ	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	2,5	M7 (4m)	18,5	17	9756	85,99	VR773.1K-3E180M/4C	153284	529	373
	2,9	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539	
	3,2	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585	
	3,3	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	585	
	3,9	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585	
	4,4	M7 (4m)	37	30	11242	49,45	VR773.1K-3E225S/4C	149105	621	
	2,7	M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890	
	3,0	M8 (5m)	22	20	9888	73,09	VR873.1K-3E180L/4D	146980	890	
	3,2	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965	
	3,6	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965	
	4,1	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025	
	4,7	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025	
	1,1	M5 (2m)	11	6,9	14234	213,15	VR673.1K-3E160M/4C	153288	359	372
	1,2	M5 (2m)	11	7,7	12686	189,61	VR673.1K-3E160M/4C	145979	359	
1,4	M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359		
1,7	M4 (1Am)	15	11	12274	134,51	VR673.1K-3E160L/4D	151963	379		
1,9	M4 (1Am)	15	12	10955	119,86	VR673.1K-3E160L/4D	148787	379		
2,3	M4 (1Am)	18,5	14	11506	102,10	VR673.1K-3E180M/4C	143568	408		
2,6	M4 (1Am)	22	17	11789	87,77	VR673.1K-3E180L/4D	139905	418		
3,0	M4 (1Am)	22	19	10216	76,17	VR673.1K-3E180L/4D	139457	418		
1,0	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
1,1	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
1,4	M8 (5m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	125657	480		
1,5	M8 (5m)	11	9,9	9996	148,95	VR773.1K-3E160M/4C	132254	480		
1,8	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500		
2,1	M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500		
2,4	M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529		
2,7	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539		
3,0	M7 (4m)	22	19	10273	76,29	VR773.1K-3E180L/4D	153560	539		
3,4	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585		
3,5	M7 (4m)	30	22	12091	65,59	VR773.1K-3E200L/4D	151972	585		
4,1	M7 (4m)	30	26	10492	56,82	VR773.1K-3E200L/4D	151786	585		
4,7	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		
2,2	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		374
2,5	M8 (5m)	18,5	16	10379	91,16	VR873.1K-3E180M/4C	141084	875		
2,8	M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890		
3,2	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
3,4	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
3,8	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
4,4	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
4,9	M8 (5m)	37	32	10693	46,82	VR873.1K-3E225S/4C	147359	1025		
1,0	M8 (5m)	7,5	6,2	10718	233,77	VR773.1K-3E132M/4D	111863	423	373	
1,2	M8 (5m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	117932	480		
1,5	M7 (4m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	144551	480		
1,6	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
1,9	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
2,2	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
2,5	M7 (4m)	18,5	15	11049	97,55	VR773.1K-3E180M/4C	150936	529		
2,8	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539		
3,2	M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585		
3,6	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
3,7	M6 (3m)	30	22	12091	65,59	VR773.1K-3E200L/4D	161292	585		
4,3	M6 (3m)	37	26	12941	56,82	VR773.1K-3E225S/4C	158357	585		
4,9	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

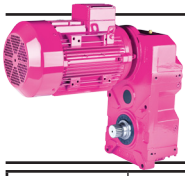
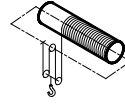
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Göv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø420	1,4	M8 (5m)	11	8,6	11503	170,32	VR873.1K-3E160M/4C	105936	800	374	
	1,6	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,8	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	2,1	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	2,4	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
	2,7	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890		
	3,0	M8 (5m)	22	18	10999	81,40	VR873.1K-3E180L/4D	143544	890		
	3,3	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
	3,5	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
	4,0	M8 (5m)	30	24	11177	60,33	VR873.1K-3E200L/4D	150256	965		
	4,6	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025		
	5,2	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065		
Ø440	1,1	M8 (5m)	11	6,2	15720	233,77	VR773.1K-3E160M/4C	106471	480	373	
	1,3	M7 (4m)	11	7,3	13442	200,14	VR773.1K-3E160M/4C	140636	480		
	1,5	M7 (4m)	11	8,8	11195	166,50	VR773.1K-3E160M/4C	144551	480		
	1,7	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500		
	2,0	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500		
	2,3	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529		
	2,6	M6 (3m)	22	15	13139	97,55	VR773.1K-3E180L/4D	160945	529		
	3,0	M6 (3m)	22	17	11602	85,99	VR773.1K-3E180L/4D	162396	539		
	3,3	M6 (3m)	30	19	14008	76,29	VR773.1K-3E200L/4D	159676	585		
	3,7	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	3,9	M6 (3m)	30	22	12091	65,59	VR773.1K-3E200L/4D	161292	585		
	1,5	M8 (5m)	11	8,6	11503	170,32	VR873.1K-3E160M/4C	105936	800		374
	1,7	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,9	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	2,2	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	2,5	M8 (5m)	18,5	14	11684	102,78	VR873.1K-3E180M/4C	136441	875		
	2,8	M8 (5m)	22	16	12342	91,16	VR873.1K-3E180L/4D	139526	890		
	3,1	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965		
3,5	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965			
3,7	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
4,2	M8 (5m)	37	24	13785	60,33	VR873.1K-3E225S/4C	148186	1025			
4,8	M8 (5m)	37	28	12095	53,03	VR873.1K-3E225S/4C	147829	1025			
5,4	M8 (5m)	45	32	13006	46,82	VR873.1K-3E225M/4D	145524	1065			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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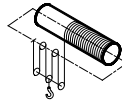
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D_T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V_h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık <i>Weight</i> Gewicht [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø360	2,4	M7 (4m)	22	8,6	22927	170,32	VR873.1K-3E180L/4D	122983	890	374
	2,7	M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412	890	
	3,1	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	3,6	M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970	
	4,1	M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970	
	4,6	M6 (3m)	45	16	25126	91,16	VR873.1K-3E225M/4D	155794	1065	
	5,1	M6 (3m)	45	18	22467	81,40	VR873.1K-3E225M/4D	158348	1065	
	5,7	M5 (2m)	55	20	24603	73,09	VR873.1K-3E250M/4D	169292	1180	
	6,1	M5 (2m)	55	21	23212	69,01	VR873.1K-3E250M/4D	170518	1180	
	7,0	M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310	
	7,9	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310	
9,0	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370		
Ø380	2,6	M6 (3m)	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	148197	890	374
	2,9	M6 (3m)	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	152412	890	
	3,3	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	3,8	M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970	
	4,8	M5 (2m)	45	14	25126	91,16	VR873.1K-3E225M/4D	171051	1065	
	5,4	M5 (2m)	55	16	27460	81,40	VR873.1K-3E250M/4D	167961	1180	
	6,0	M5 (2m)	55	18	24603	73,09	VR873.1K-3E250M/4D	169292	1180	
	6,4	M5 (2m)	75	20	31653	69,01	VR873.1K-3G280S/4	163784	1310	
	7,3	M5 (2m)	75	21	27660	60,33	VR873.1K-3G280S/4	165862	1310	
	8,4	M4 (1Am)	75	25	24353	53,03	VR873.1K-3G280S/4	177299	1310	
	9,5	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	
Ø400	2,7	M6	30	8,6	31264	170,32	VR873.1K-2ED180L/4D	148197	890	374
	3,0	M5	30	9,7	27998	152,83	VR873.1K-2ED180L/4D	182750	890	
	3,5	M5	37	11	24571	134,22	VR873.1K-2ED200L/4D	175314	970	
	4,0	M5	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970	
	5,1	M5	45	14	25126	91,16	VR873.1K-3E225M/4D	171051	1065	
	5,7	M4	55	16	27460	81,40	VR873.1K-3E250M/4D	182603	1180	
	6,4	M4	75	18	24603	73,09	VR873.1K-3G280S/4	175265	1310	
	6,7	M4	75	20	31653	69,01	VR873.1K-3G280S/4	175712	1310	
	7,7	M4	75	21	27660	60,33	VR873.1K-3G280S/4	176729	1310	
	8,8	M4	90	25	24353	53,03	VR873.1K-3G280M/4	173416	1370	
	10,0	M4	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

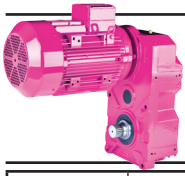
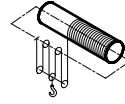
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	1,5	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,7	M8 (5m)	18,5	9,7	17265	152,83	VR873.1K-3E180M/4C	113796	875	
	2,0	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	2,2	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	2,6	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965	
	2,9	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	3,2	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	3,6	M8 (5m)	37	20	16596	73,09	VR873.1K-3E225S/4C	141623	1025	
	3,8	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	4,4	M7 (4m)	45	24	16686	60,33	VR873.1K-3E225M/4D	154910	1065	
	5,0	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154747	1065	
5,6	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø360	1,6	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,8	M8 (5m)	18,5	9,7	17265	152,83	VR873.1K-3E180M/4C	113796	875	
	2,1	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,4	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	2,7	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965	
	3,0	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	3,4	M8 (5m)	37	18	18498	81,40	VR873.1K-3E225S/4C	137584	1025	
	3,8	M7 (4m)	37	20	16596	73,09	VR873.1K-3E225S/4C	152241	1025	
	4,0	M7 (4m)	37	21	15658	69,01	VR873.1K-3E225S/4C	155035	1025	
	4,6	M7 (4m)	45	24	16686	60,33	VR873.1K-3E225M/4D	154910	1065	
	5,2	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	
6,0	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø380	1,7	M8 (5m)	18,5	8,6	15632	170,32	VR873.1K-3E180M/4C	99619	875	374
	1,9	M8 (5m)	18,5	9,7	17265	152,83	VR873.1K-3E180M/4C	113796	875	
	2,2	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,5	M8 (5m)	30	13	15770	116,84	VR873.1K-3E200L/4D	124193	965	
	2,9	M8 (5m)	30	14	18883	102,78	VR873.1K-3E200L/4D	130648	965	
	3,2	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	3,6	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	4,0	M7 (4m)	37	20	16596	73,09	VR873.1K-3E225S/4C	152241	1025	
	4,3	M7 (4m)	45	21	15658	69,01	VR873.1K-3E225M/4D	152343	1065	
	4,9	M7 (4m)	45	24	16686	60,33	VR873.1K-3E225M/4D	154910	1065	
	5,5	M7 (4m)	55	28	17955	53,03	VR873.1K-3E250M/4D	152152	1180	
6,3	M7 (4m)	75	32	15821	46,82	VR873.1K-3G280S/4	147553	1310		
Ø400	1,8	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	2,0	M8 (5m)	18,5	9,7	17265	152,83	VR873.1K-3E180M/4C	113796	875	
	2,3	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,6	M8 (5m)	30	13	21504	116,84	VR873.1K-3E200L/4D	124193	965	
	3,0	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	3,4	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	3,8	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	4,2	M7 (4m)	45	20	20184	73,09	VR873.1K-3E225M/4D	149386	1065	
	4,5	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	5,1	M7 (4m)	55	24	20394	60,33	VR873.1K-3E250M/4D	151960	1180	
	5,8	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
6,6	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310		
Ø420	1,9	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	2,1	M8 (5m)	22	9,7	17265	152,83	VR873.1K-3E180L/4D	111190	890	
	2,4	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,8	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	3,2	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	3,6	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	4,0	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	4,4	M7 (4m)	45	20	20184	73,09	VR873.1K-3E225M/4D	149386	1065	
	4,7	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	5,4	M6 (3m)	55	24	20394	60,33	VR873.1K-3E250M/4D	161459	1180	
	6,1	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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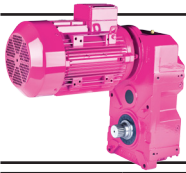
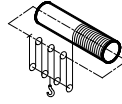
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _n [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø420	7,0	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	374
Ø440	2,0	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	2,2	M8 (5m)	22	9,7	17265	152,83	VR873.1K-3E180L/4D	111190	890	
	2,5	M7 (4m)	30	11	18019	134,22	VR873.1K-3E200L/4D	134655	965	
	2,9	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	3,3	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	3,7	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	4,2	M7 (4m)	45	18	18498	81,40	VR873.1K-3E225M/4D	146004	1065	
	4,7	M6 (3m)	45	20	20184	73,09	VR873.1K-3E225M/4D	160599	1065	
	4,9	M6 (3m)	45	21	19043	69,01	VR873.1K-3E225M/4D	162663	1065	
	5,6	M6 (3m)	55	24	20394	60,33	VR873.1K-3E250M/4D	161459	1180	
	6,4	M6 (3m)	75	28	17955	53,03	VR873.1K-3G280S/4	156353	1310	
	7,3	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø460	2,1	M7 (4m)	22	8,6	19280	170,32	VR873.1K-3E180L/4D	122983	890	374
	2,3	M7 (4m)	22	9,7	17265	152,83	VR873.1K-3E180L/4D	133062	890	
	2,6	M7 (4m)	30	11	18019	134,22	VR873.1K-3E200L/4D	134655	965	
	3,0	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	3,5	M7 (4m)	37	14	18883	102,78	VR873.1K-2ED200L/4D	141412	970	
	3,9	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	4,4	M6 (3m)	45	18	18498	81,40	VR873.1K-3E225M/4D	158349	1065	
	4,9	M6 (3m)	45	20	20184	73,09	VR873.1K-3E225M/4D	160599	1065	
	5,2	M6 (3m)	55	21	19043	69,01	VR873.1K-3E250M/4D	159294	1180	
	5,9	M6 (3m)	55	24	20394	60,33	VR873.1K-3E250M/4D	161459	1180	
	6,7	M6 (3m)	75	28	17955	53,03	VR873.1K-3G280S/4	156353	1310	
	7,6	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø480	2,2	M7 (4m)	22	8,6	19280	170,32	VR873.1K-3E180L/4D	122983	890	374
	2,4	M7 (4m)	22	9,7	17265	152,83	VR873.1K-3E180L/4D	133062	890	
	2,8	M7 (4m)	30	11	18019	134,22	VR873.1K-3E200L/4D	134655	965	
	3,2	M7 (4m)	30	13	21504	116,84	VR873.1K-3E200L/4D	140352	965	
	3,6	M7 (4m)	37	14	18883	102,78	VR873.1K-2ED200L/4D	141412	970	
	4,1	M6 (3m)	37	16	20687	91,16	VR873.1K-3E225S/4C	159360	1025	
	4,6	M6 (3m)	45	18	18498	81,40	VR873.1K-3E225M/4D	158349	1065	
	5,1	M6 (3m)	55	20	20184	73,09	VR873.1K-3E250M/4D	157026	1180	
	5,4	M6 (3m)	55	21	19043	69,01	VR873.1K-3E250M/4D	159294	1180	
	6,2	M6 (3m)	75	24	20394	60,33	VR873.1K-3G280S/4	155547	1310	
	7,0	M6 (3m)	75	28	17955	53,03	VR873.1K-3G280S/4	156353	1310	
	8,0	M5 (2m)	75	32	21573	46,82	VR873.1K-3G280S/4	166920	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

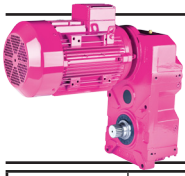
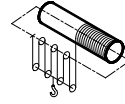
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Tambur Çapı	IE3 Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	IE3 Çıkış Devri	IE3 Çıkış Momenti	Çevrim Oranı	Tipi	IE3 Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	0,9	M5 (2m)	11	6,9	14186	213,15	VR673.1K-3E160M/4C	153176	359	372
	1,0	M5 (2m)	11	7,8	12642	189,61	VR673.1K-3E160M/4C	145907	359	
	1,1	M5 (2m)	11	9,1	10804	161,66	VR673.1K-3E160M/4C	141525	359	
	1,4	M4 (1Am)	15	11	12274	134,51	VR673.1K-3E160L/4D	151963	379	
	1,5	M4 (1Am)	15	12	10955	119,86	VR673.1K-3E160L/4D	148787	379	
	1,8	M4 (1Am)	18,5	14	11467	102,10	VR673.1K-3E180M/4C	143555	408	
	2,1	M4 (1Am)	22	17	11789	87,77	VR673.1K-3E180L/4D	139905	418	
	2,4	M4 (1Am)	22	19	10250	76,17	VR673.1K-3E180L/4D	139462	418	
	0,8	M8 (5m)	7,5	6,3	10681	233,77	VR773.1K-3E132M/4D	111776	423	373
	0,9	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480	
	1,1	M8 (5m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	125610	480	
	1,2	M8 (5m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	128335	480	
	1,4	M8 (5m)	15	11	11783	128,81	VR773.1K-3E160L/4D	133702	500	
	1,7	M7 (4m)	15	13	10224	111,53	VR773.1K-3E160L/4D	150802	500	
	1,9	M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529	
	2,1	M7 (4m)	22	17	11602	85,99	VR773.1K-3E180L/4D	151295	539	
	2,4	M7 (4m)	22	19	10308	76,29	VR773.1K-3E180L/4D	153572	539	
	2,7	M7 (4m)	30	22	12508	68,02	VR773.1K-3E200L/4D	151966	585	
	2,8	M7 (4m)	30	22	12050	65,59	VR773.1K-3E200L/4D	151971	585	
	3,3	M7 (4m)	30	26	10457	56,82	VR773.1K-3E200L/4D	151779	585	
	3,7	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621	
	1,8	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	374
	2,0	M8 (5m)	18,5	16	10344	91,16	VR873.1K-3E180M/4C	141051	875	
	2,3	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	
	2,5	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	2,7	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965	
	3,1	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965	
	3,5	M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025	
4,0	M8 (5m)	37	32	10672	46,82	VR873.1K-3E225S/4C	147350	1025		
Ø340	0,8	M8 (5m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	106402	423	373
	1,0	M8 (5m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	117877	480	
	1,2	M7 (4m)	11	8,8	11157	166,50	VR773.1K-3E160M/4C	144492	480	
	1,3	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500	
	1,5	M7 (4m)	15	11	11783	128,81	VR773.1K-3E160L/4D	148048	500	
	1,8	M7 (4m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	148230	529	
	2,0	M7 (4m)	18,5	15	11011	97,55	VR773.1K-3E180M/4C	150917	529	
	2,3	M6 (3m)	22	17	11602	85,99	VR773.1K-3E180L/4D	162396	539	
	2,6	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585	
	2,9	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585	
	3,0	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585	
	3,5	M6 (3m)	37	26	12897	56,82	VR773.1K-3E225S/4C	158357	621	
	4,0	M6 (3m)	37	30	11242	49,45	VR773.1K-3E225S/4C	158211	621	
	1,2	M8 (5m)	11	8,6	11464	170,32	VR873.1K-3E160M/4C	105849	800	374
	1,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	1,5	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825	
	1,7	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875	
	1,9	M8 (5m)	18,5	14	11645	102,78	VR873.1K-3E180M/4C	136405	875	
	2,2	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890	
	2,4	M8 (5m)	22	18	11036	81,40	VR873.1K-3E180L/4D	143570	890	
	2,7	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	2,9	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965	
3,3	M8 (5m)	30	24	11139	60,33	VR873.1K-3E200L/4D	150242	965		
3,7	M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025		
4,2	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065		
Ø360	0,9	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373
	1,0	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480	
	1,2	M7 (4m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	140118	500	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

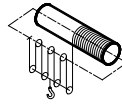
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page	
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	n ₂ [r.p.m]	M ₂ [Nm]	Übersetzung	Typ	F _{qam} [N]	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]			i			[kg]		
Ø360	1,4	M7 (4m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	144686	500	373	
	1,6	M6 (3m)	15	11	11783	128,81	VR773.1K-3E160L/4D	163612	500		
	1,9	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	2,1	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	2,4	M6 (3m)	22	17	11602	85,99	VR773.1K-3E180L/4D	162396	539		
	2,7	M6 (3m)	30	19	14056	76,29	VR773.1K-3E200L/4D	159677	585		
	3,1	M6 (3m)	30	22	12508	68,02	VR773.1K-3E200L/4D	161310	585		
	3,2	M6 (3m)	30	22	12050	65,59	VR773.1K-3E200L/4D	161288	585		
	3,7	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621		
	4,2	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	621		
	1,2	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	1,4	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,5	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	1,8	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	2,0	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	2,3	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
	2,6	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	2,9	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
	3,0	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965		
3,5	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
3,9	M8 (5m)	37	28	12071	53,03	VR873.1K-3E225S/4C	147823	1025			
4,5	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø380	0,9	M7 (4m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	134569	480	373	
	1,1	M7 (4m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	140563	480		
	1,3	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	1,5	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	1,7	M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	500		
	2,0	M6 (3m)	18,5	13	12609	111,53	VR773.1K-3E180M/4C	161940	529		
	2,3	M6 (3m)	22	15	13094	97,55	VR773.1K-3E180L/4D	160930	539		
	2,5	M5 (2m)	30	17	15820	85,99	VR773.1K-3E200L/4D	169987	585		
	2,9	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		
	3,2	M5 (2m)	30	22	12508	68,02	VR773.1K-3E200L/4D	171417	585		
	3,4	M5 (2m)	30	22	12050	65,59	VR773.1K-3E200L/4D	171366	585		
	3,9	M5 (2m)	37	26	12897	56,82	VR773.1K-3E225S/4C	168318	621		
	4,4	M5 (2m)	45	30	13673	49,45	VR773.1K-3E225M/4D	165440	645		
	1,3	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	1,4	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,6	M8 (5m)	15	11	12327	134,22	VR873.1K-3E160L/4D	125889	825		
	1,9	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	2,1	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	2,4	M8 (5m)	22	16	12301	91,16	VR873.1K-3E180L/4D	139498	890		
2,7	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965			
3,0	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965			
3,2	M8 (5m)	30	21	12721	69,01	VR873.1K-3E200L/4D	147568	965			
3,6	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025			
4,2	M8 (5m)	45	28	12071	53,03	VR873.1K-3E225M/4D	145751	1065			
4,7	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø400	1,0	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	1,2	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480		
	1,4	M6 (3m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	161330	500		
	1,5	M6 (3m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	162688	500		
	1,8	M6 (3m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	160648	529		
	2,1	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	529		
	2,4	M5 (2m)	22	15	13094	97,55	VR773.1K-3E180L/4D	174430	539		
	2,7	M5 (2m)	30	17	15820	85,99	VR773.1K-3E200L/4D	169987	585		
	3,0	M5 (2m)	30	19	14056	76,29	VR773.1K-3E200L/4D	170707	585		
	3,4	M5 (2m)	37	22	15426	68,02	VR773.1K-3E225S/4C	168271	585		
	3,5	M5 (2m)	37	22	14862	65,59	VR773.1K-3E225S/4C	168334	621		
	4,1	M4 (1Am)	37	26	12897	56,82	VR773.1K-3E225S/4C	178856	621		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

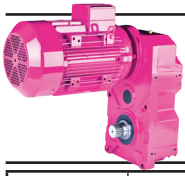
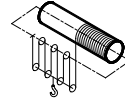
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite	
Ø400	4,7	M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645	373	
	1,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374	
	1,5	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,7	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	2,0	M8 (5m)	18,5	13	13261	116,84	VR873.1K-3E180M/4C	130758	875		
	2,3	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	2,5	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
	2,8	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	3,2	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965		
	3,4	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
	3,8	M8 (5m)	37	24	13738	60,33	VR873.1K-3E225S/4C	148179	1025		
	4,4	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145751	1065		
5,0	M8 (5m)	45	32	12979	46,82	VR873.1K-3E225M/4D	145520	1065			
Ø420	1,0	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	1,2	M6 (3m)	11	7,3	13396	200,14	VR773.1K-3E160M/4C	166812	480		
	1,5	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500		
	1,6	M5 (2m)	15	9,9	13632	148,95	VR773.1K-3E160L/4D	183216	500		
	1,9	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529		
	2,2	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539		
	2,5	M5 (2m)	30	15	17856	97,55	VR773.1K-3E200L/4D	169296	539		
	2,8	M5 (2m)	30	17	15820	85,99	VR773.1K-3E200L/4D	169987	585		
	3,2	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585		
	3,6	M4 (1Am)	37	22	15426	68,02	VR773.1K-3E225S/4C	178963	621		
	3,7	M4 (1Am)	37	22	14862	65,59	VR773.1K-3E225S/4C	178995	621		
	4,3	M4 (1Am)	45	26	15685	56,82	VR773.1K-3E225M/4D	175850	645		
	4,9	M4 (1Am)	45	30	13673	49,45	VR773.1K-3E225M/4D	175859	645		
	1,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	1,6	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825		
	1,8	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	2,1	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890		
	2,4	M8 (5m)	22	14	13848	102,78	VR873.1K-3E180L/4D	134655	890		
	2,7	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
	3,0	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
3,3	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025			
3,5	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025			
4,0	M8 (5m)	45	24	16708	60,33	VR873.1K-3E225M/4D	145819	1065			
4,6	M8 (5m)	45	28	14681	53,03	VR873.1K-3E225M/4D	145751	1065			
5,2	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180			
Ø440	1,1	M6 (3m)	11	6,3	15666	233,77	VR773.1K-3E160M/4C	168737	480	373	
	1,3	M5 (2m)	15	7,3	18267	200,14	VR773.1K-3E160L/4D	193027	500		
	1,5	M5 (2m)	15	8,8	15213	166,50	VR773.1K-3E160L/4D	186013	500		
	1,7	M5 (2m)	18,5	9,9	16812	148,95	VR773.1K-3E180M/4C	179786	500		
	2,0	M5 (2m)	18,5	11	14532	128,81	VR773.1K-3E180M/4C	178134	529		
	2,3	M5 (2m)	22	13	14995	111,53	VR773.1K-3E180L/4D	174599	539		
	2,6	M4 (1Am)	30	15	17856	97,55	VR773.1K-3E200L/4D	183837	585		
	3,0	M4 (1Am)	30	17	15820	85,99	VR773.1K-3E200L/4D	182968	585		
	3,3	M4 (1Am)	30	19	14056	76,29	VR773.1K-3E200L/4D	182433	585		
	1,5	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825		374
	1,7	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875		
	1,9	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875		
	2,2	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890		
	2,5	M8 (5m)	30	14	13848	102,78	VR873.1K-3E200L/4D	130648	965		
	2,8	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965		
	3,1	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965		
	3,5	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025		
	3,7	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025		
4,2	M7 (4m)	45	24	16708	60,33	VR873.1K-3E225M/4D	154910	1065			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

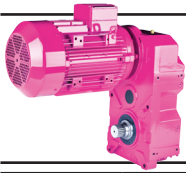
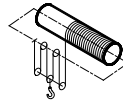
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Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung			Übersetzung	Typ		Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø440	4,8	M7 (4m)	45	28	14681	53,03	VR873.1K-3E225M/4D	154746	1065	374
	5,5	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180	
Ø450	1,5	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,7	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875	
	1,9	M8 (5m)	18,5	11	15204	134,22	VR873.1K-3E180M/4C	123602	875	
	2,2	M8 (5m)	22	13	15770	116,84	VR873.1K-3E180L/4D	128763	890	
	2,5	M8 (5m)	30	14	13848	102,78	VR873.1K-3E200L/4D	130648	965	
	2,9	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	3,2	M8 (5m)	30	18	15049	81,40	VR873.1K-3E200L/4D	140383	965	
	3,6	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	3,8	M8 (5m)	37	21	15690	69,01	VR873.1K-3E225S/4C	145210	1025	
	4,3	M7 (4m)	45	24	16708	60,33	VR873.1K-3E225M/4D	154910	1065	
	4,9	M7 (4m)	55	28	14681	53,03	VR873.1K-3E250M/4D	152153	1180	
	5,6	M7 (4m)	55	32	15863	46,82	VR873.1K-3E250M/4D	152133	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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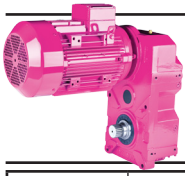
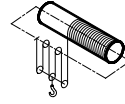
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{gam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø360	1,6	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	1,8	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	2,1	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	2,4	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,7	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	3,1	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	3,4	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	3,8	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	4,0	M6 (3m)	45	21	19056	69,01	VR873.1K-3E225M/4D	162663	1065	
	4,6	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	5,3	M6 (3m)	75	28	24353	53,03	VR873.1K-3G280S/4	156381	1310	
	6,0	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø380	1,7	M8 (5m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	96646	890	374
	1,9	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	2,2	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	2,5	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,9	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	970	
	3,2	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	3,6	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	4,0	M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160600	1065	
	4,3	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	4,9	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	5,6	M6 (3m)	75	28	24353	53,03	VR873.1K-3G280S/4	156381	1310	
	6,3	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø400	1,8	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	2,0	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	2,3	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	2,6	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	3,0	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	970	
	3,4	M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159350	1025	
	3,8	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	4,2	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	4,5	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	5,1	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	5,9	M6 (3m)	75	28	24353	53,03	VR873.1K-3G280S/4	156381	1310	
	6,6	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	
Ø420	1,9	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	2,1	M7 (4m)	30	9,6	20601	152,83	VR873.1K-2ED180L/4D	127139	890	
	2,4	M7 (4m)	30	11	24571	134,22	VR873.1K-3E200L/4D	134655	965	
	2,8	M6 (3m)	30	13	21431	116,84	VR873.1K-3E200L/4D	158104	965	
	3,2	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	3,6	M6 (3m)	45	16	20645	91,16	VR873.1K-3E225M/4D	155793	1065	
	4,0	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	4,4	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	4,7	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	5,4	M6 (3m)	75	25	20325	60,33	VR873.1K-3G280S/4	155573	1310	
	6,2	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310	
	7,0	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	
Ø440	2,0	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	2,2	M6 (3m)	30	9,6	20601	152,83	VR873.1K-2ED180L/4D	152473	890	
	2,5	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	2,9	M6 (3m)	37	13	21431	116,84	VR873.1K-2ED200L/4D	154117	970	
	3,3	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	3,7	M6 (3m)	45	16	20645	91,16	VR873.1K-3E225M/4D	155793	1065	
	4,2	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	4,7	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	4,9	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	5,7	M5 (2m)	75	25	20325	60,33	VR873.1K-3G280S/4	165849	1310	
	6,4	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310	

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Kompakt Motor / Compact Motor / Kompaktmotor

**60 t****6 / 1**

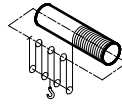
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø440	7,3	M5 (3m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370	374
Ø460	2,1	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890	374
	2,3	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	2,6	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	3,0	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	3,5	M5 (2m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	174302	970	
	3,9	M5 (2m)	45	16	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	4,4	M5 (2m)	55	18	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	4,9	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	5,2	M5 (2m)	75	21	31760	69,01	VR873.1K-3G280S/4	163755	1310	
	5,9	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	6,7	M4 (1Am)	75	28	24353	53,03	VR873.1K-3G280S/4	177299	1310	
	7,6	M4 (1Am)	90	32	25836	46,82	VR873.1K-3G280M/4	174140	1370	
Ø480	2,2	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	965	374
	2,4	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	965	
	2,8	M5 (2m)	30	11	24571	134,22	VR873.1K-3E200L/4D	179885	965	
	3,2	M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
	4,1	M5 (2m)	45	14	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	4,6	M5 (2m)	55	16	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	5,1	M5 (2m)	55	18	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	5,4	M4 (1Am)	75	20	31760	69,01	VR873.1K-3G280S/4	175686	1310	
	6,2	M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
	7,0	M4 (1Am)	75	25	24353	53,03	VR873.1K-3G280S/4	177299	1310	
	8,0	M4 (1Am)	90	28	25836	46,82	VR873.1K-3G280M/4	174140	1370	
	Ø500	2,3	M5 (2m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	188137	
2,5		M5 (2m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	182835	890	
2,9		M5 (2m)	37	11	24571	134,22	VR873.1K-2ED200L/4D	175314	970	
3,3		M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
4,2		M4 (1Am)	55	14	25109	91,16	VR873.1K-3E250M/4D	183179	1180	
4,8		M4 (1Am)	55	16	27441	81,40	VR873.1K-3E250M/4D	182603	1180	
5,3		M4 (1Am)	75	18	24686	73,09	VR873.1K-3G280S/4	175241	1310	
5,6		M4 (1Am)	75	20	31760	69,01	VR873.1K-3G280S/4	175686	1310	
6,4		M4 (1Am)	75	21	27716	60,33	VR873.1K-3G280S/4	176717	1310	
7,3		M4 (1Am)	90	25	24353	53,03	VR873.1K-3G280M/4	173416	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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Kompakt Motor / Compact Motor / Kompaktmotor

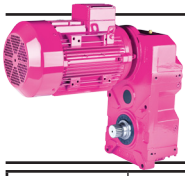
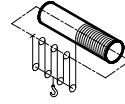
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Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø340	1,2	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,3	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	1,5	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	1,7	M8 (5m)	18,5	13	13216	116,84	VR873.1K-3E180M/4C	130718	875	
	1,9	M8 (5m)	22	14	13895	102,78	VR873.1K-3E180L/4D	134685	890	
	2,2	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	2,4	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	2,7	M8 (5m)	30	20	13483	73,09	VR873.1K-3E200L/4D	144128	965	
	2,9	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	3,3	M8 (5m)	37	25	13710	60,33	VR873.1K-3E225S/4C	148175	1025	
	3,7	M8 (5m)	45	28	14691	53,03	VR873.1K-3E225M/4D	145751	1065	
4,2	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø360	1,2	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,4	M8 (5m)	15	9,6	14046	152,83	VR873.1K-3E160L/4D	116460	825	
	1,6	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	1,8	M8 (5m)	18,5	13	13216	116,84	VR873.1K-3E180M/4C	130718	875	
	2,0	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	2,3	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	2,6	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	2,9	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	3,0	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	3,5	M8 (5m)	45	25	16675	60,33	VR873.1K-3E225M/4D	145819	1065	
	3,9	M7 (4m)	45	28	14691	53,03	VR873.1K-3E225M/4D	154747	1065	
4,5	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø380	1,3	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,4	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875	
	1,6	M8 (5m)	18,5	11	15152	134,22	VR873.1K-3E180M/4C	123557	875	
	1,9	M8 (5m)	22	13	13216	116,84	VR873.1K-3E180L/4D	128730	890	
	2,1	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	2,4	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	2,7	M8 (5m)	30	18	14998	81,40	VR873.1K-3E200L/4D	140368	965	
	3,0	M8 (5m)	37	20	16630	73,09	VR873.1K-3E225S/4C	141627	1025	
	3,2	M8 (5m)	37	21	15658	69,01	VR873.1K-3E225S/4C	145207	1025	
	3,7	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	4,2	M7 (4m)	55	28	14691	53,03	VR873.1K-3E250M/4D	152152	1180	
4,7	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø400	1,4	M8 (5m)	15	8,6	15632	170,32	VR873.1K-3E160L/4D	102531	825	374
	1,5	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875	
	1,7	M8 (5m)	22	11	15152	134,22	VR873.1K-3E180L/4D	121274	890	
	2,0	M8 (5m)	22	13	13216	116,84	VR873.1K-3E180L/4D	128730	890	
	2,2	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	2,5	M8 (5m)	30	16	16774	91,16	VR873.1K-3E200L/4D	135943	965	
	2,8	M8 (5m)	37	18	14998	81,40	VR873.1K-3E225S/4C	137584	1025	
	3,2	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	3,4	M7 (4m)	45	21	15658	69,01	VR873.1K-3E225M/4D	152343	1065	
	3,8	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	4,4	M7 (4m)	55	28	14691	53,03	VR873.1K-3E250M/4D	152152	1180	
5,0	M7 (4m)	55	32	15821	46,82	VR873.1K-3E250M/4D	152131	1180		
Ø420	1,4	M8 (5m)	18,5	8,6	15632	170,32	VR873.1K-3E180M/4C	99619	875	374
	1,6	M8 (5m)	18,5	9,6	14046	152,83	VR873.1K-3E180M/4C	113850	875	
	1,8	M8 (5m)	22	11	15152	134,22	VR873.1K-3E180L/4D	121274	890	
	2,1	M8 (5m)	30	13	13216	116,84	VR873.1K-3E200L/4D	124175	965	
	2,4	M8 (5m)	30	14	18947	102,78	VR873.1K-3E200L/4D	130664	965	
	2,7	M7 (4m)	30	16	16774	91,16	VR873.1K-3E200L/4D	148742	965	
	3,0	M7 (4m)	37	18	14998	81,40	VR873.1K-3E225S/4C	149190	1025	
	3,3	M7 (4m)	37	20	16630	73,09	VR873.1K-3E225S/4C	152246	1025	
	3,5	M7 (4m)	45	21	15658	69,01	VR873.1K-3E225M/4D	152343	1065	
	4,0	M7 (4m)	45	25	16675	60,33	VR873.1K-3E225M/4D	154910	1065	
	4,6	M7 (4m)	55	28	14691	53,03	VR873.1K-3E250M/4D	152152	1180	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

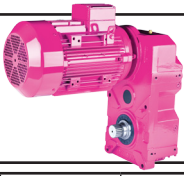
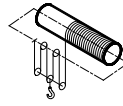
**60 t****8 / 1**

Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse* ISO (FEM)	Motor Gücü <i>Power</i> Leistung [kW]	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık <i>Weight</i> Gewicht ~ [kg]	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
Ø420	5,2	M6 (3m)	75	32	21573	46,32	VR873.1K-3G280S/4	156857	1310	374
Ø440	1,5	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	1,7	M8 (5m)	18,5	9,6	17324	152,83	VR873.1K-3E180M/4C	113850	875	
	1,9	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,2	M8 (5m)	30	13	21431	116,84	VR873.1K-3E200L/4D	124175	965	
	2,5	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	2,8	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	3,1	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	3,5	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	3,7	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	4,2	M7 (4m)	55	25	20380	60,33	VR873.1K-3E250M/4D	151961	1180	
	4,8	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
	5,5	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø460	1,6	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	1,7	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	2,0	M8 (5m)	22	11	18019	134,22	VR873.1K-3E180L/4D	121274	890	
	2,3	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,6	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	2,9	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	3,3	M7 (4m)	37	18	18498	81,40	VR873.1K-3E225S/4C	149190	1025	
	3,6	M7 (4m)	45	20	20225	73,09	VR873.1K-3E225M/4D	149386	1065	
	3,9	M7 (4m)	45	21	19043	69,01	VR873.1K-3E225M/4D	152343	1065	
	4,4	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	5,0	M6 (3m)	55	28	17955	53,03	VR873.1K-3E250M/4D	161552	1180	
	5,7	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	
Ø480	1,6	M8 (5m)	18,5	8,6	19280	170,32	VR873.1K-3E180M/4C	99619	875	374
	1,8	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	2,1	M7 (4m)	30	11	18019	134,22	VR873.1K-3E200L/4D	134655	965	
	2,4	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,7	M7 (4m)	30	14	18947	102,78	VR873.1K-3E200L/4D	144946	965	
	3,0	M7 (4m)	37	16	20687	91,16	VR873.1K-3E225S/4C	145627	1025	
	3,4	M7 (4m)	45	18	18498	81,40	VR873.1K-3E225M/4D	146004	1065	
	3,8	M6 (3m)	45	20	20225	73,09	VR873.1K-3E225M/4D	160601	1065	
	4,0	M6 (3m)	45	21	19043	69,01	VR873.1K-3E225M/4D	162663	1065	
	4,6	M6 (3m)	55	25	20380	60,33	VR873.1K-3E250M/4D	161460	1180	
	5,2	M6 (3m)	75	28	17955	53,03	VR873.1K-3G280S/4	156353	1310	
	6,0	M6 (3m)	75	32	21573	46,82	VR873.1K-3G280S/4	156857	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

**75 t****6 / 1**

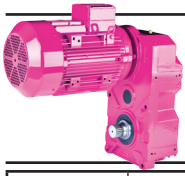
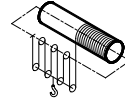
Tambur Çapı <i>Drum Diameter</i> Trommel-durchmesser	IE3 Kaldırma Hızı <i>Lifting Speed</i> Hubgeschwindigkeit	Vinç* Sınıfı <i>Crane* Class</i> Kranklasse*	Motor Gücü <i>Power</i> Leistung	IE3 Çıkış Devri <i>Output Speeds</i> Abtriebs-drehzahlen	IE3 Çıkış Momenti <i>Output Torque</i> Abtriebs-drehmomente	Çevrim Oranı <i>Ratio</i> Übersetzung	Tipi <i>Type</i> Typ	IE3 Güv. Rad.Yük Çıkış <i>Per. O.Loads (Output)</i> Zul.Querkräfte (Abtrieb)	Ağırlık <i>Weight</i> Gewicht	Ölçü Sayfası <i>Dim. Page</i> Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø360	1,6	M6 (3m)	22	8,6	22927	170,32	VR873.1K-3E180L/4D	154854	890	374
	1,8	M6 (3m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	158447	890	
	2,1	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	2,4	M6 (3m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	154104	970	
	2,7	M6 (3m)	37	14	23242	102,78	VR873.1K-2ED200L/4D	156890	970	
	3,1	M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159350	1025	
	3,4	M5 (2m)	55	18	27367	81,40	VR873.1K-3E250M/4D	167966	1180	
	3,8	M5 (2m)	55	20	24603	73,09	VR873.1K-3E250M/4D	169292	1180	
	4,0	M5 (2m)	55	21	23212	69,01	VR873.1K-3E250M/4D	170518	1180	
	4,6	M5 (2m)	75	25	27660	60,33	VR873.1K-3G280S/4	165862	1310	
	5,3	M5 (2m)	75	28	24353	53,03	VR873.1K-3G280S/4	166546	1310	
6,0	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370		
Ø380	1,7	M6 (3m)	30	8,6	22927	170,32	VR873.1K-3E200L/4D	148197	965	374
	1,9	M6 (3m)	30	9,6	20601	152,83	VR873.1K-3E200L/4D	152473	965	
	2,2	M6 (3m)	30	11	24571	134,22	VR873.1K-3E200L/4D	155561	965	
	2,5	M5 (2m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970	
	3,2	M5 (2m)	45	14	23242	91,16	VR873.1K-3E225M/4D	171049	1065	
	3,6	M5 (2m)	55	16	20645	81,40	VR873.1K-3E250M/4D	167966	1180	
	4,0	M5 (2m)	55	18	27367	73,09	VR873.1K-3E250M/4D	169292	1180	
	4,3	M5 (2m)	75	20	24603	69,01	VR873.1K-3G280S/4	163784	1310	
	4,9	M4 (1Am)	75	21	23212	60,33	VR873.1K-3G280S/4	176729	1310	
	5,6	M4 (1Am)	75	25	27660	53,03	VR873.1K-3G280S/4	177299	1310	
	6,3	M4 (1Am)	90	28	24353	46,82	VR873.1K-3G280M/4	174140	1370	
Ø400	1,8	M5 (2m)	30	8,6	22927	170,32	VR873.1K-2ED180L/4D	188270	890	374
	2,0	M5 (2m)	30	9,6	20601	152,83	VR873.1K-2ED180L/4D	182835	890	
	2,3	M5 (2m)	37	11	24571	134,22	VR873.1K-2ED200L/4D	175314	970	
	2,6	M5 (2m)	37	13	26378	116,84	VR873.1K-2ED200L/4D	174372	970	
	3,4	M4 (1Am)	55	14	23242	91,16	VR873.1K-3E250M/4D	183179	1180	
	3,8	M4 (1Am)	55	16	20645	81,40	VR873.1K-3E250M/4D	182603	1180	
	4,2	M4 (1Am)	75	18	27367	73,09	VR873.1K-3G280S/4	175265	1310	
	4,5	M4 (1Am)	75	20	24603	69,01	VR873.1K-3G280S/4	175712	1310	
	5,2	M4 (1Am)	75	21	23212	60,33	VR873.1K-3G280S/4	176729	1310	
	5,9	M4 (1Am)	90	25	27660	53,03	VR873.1K-3G280M/4	173416	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor

**75 t****8 / 1**

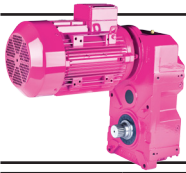
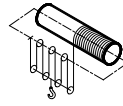
Tambur Çapı	IE3 Kaldırma Hızı Lifting Speed	Vinç* Sınıfı Crane* Class	Motor Gücü Power	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente	Çevrim Oranı Ratio	Tipi Type	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb)	Ağırlık Weight	Ölçü Sayfası Dim. Page
Drum Diameter	Hubgeschwindigkeit	Kranklasse*	Leistung	n ₂ [r.p.m]	M ₂ [Nm]	Übersetzung	Typ	F _{qam} [N]	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]			i			[kg]	
Ø360	1,2	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	1,4	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	1,5	M8 (5m)	22	11	18080	134,22	VR873.1K-3E180L/4D	121311	890	
	1,8	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,0	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	2,3	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	2,6	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	2,9	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	3,0	M7 (4m)	45	21	19056	69,01	VR873.1K-3E225M/4D	152343	1065	
	3,5	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	3,9	M6 (3m)	55	28	17895	53,03	VR873.1K-3E250M/4D	161552	1180	
4,5	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310		
Ø380	1,3	M8 (5m)	18,5	8,7	19214	170,32	VR873.1K-3E180M/4C	99554	875	374
	1,4	M8 (5m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	111234	890	
	1,6	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	1,9	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,1	M7 (4m)	30	14	18883	102,78	VR873.1K-3E200L/4D	144923	965	
	2,4	M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
	2,7	M7 (4m)	37	18	18460	81,40	VR873.1K-3E225S/4C	149184	1025	
	3,0	M7 (4m)	45	20	20198	73,09	VR873.1K-3E225M/4D	149386	1065	
	3,2	M6 (3m)	45	21	19056	69,01	VR873.1K-3E225M/4D	162663	1065	
	3,7	M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
	4,2	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	4,7	M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
	Ø400	1,4	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	
1,5		M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
1,7		M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
2,0		M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
2,3		M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	970	
2,5		M7 (4m)	37	16	20645	91,16	VR873.1K-3E225S/4C	145621	1025	
2,9		M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
3,2		M6 (3m)	45	20	20198	73,09	VR873.1K-3E225M/4D	160600	1065	
3,4		M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
3,9		M6 (3m)	55	25	20325	60,33	VR873.1K-3E250M/4D	161465	1180	
4,4		M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
5,0		M6 (3m)	75	32	21530	46,82	VR873.1K-3G280S/4	156863	1310	
Ø420		1,4	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890
	1,6	M7 (4m)	22	9,6	20601	152,83	VR873.1K-3E180L/4D	133124	890	
	1,8	M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
	2,1	M7 (4m)	30	13	21431	116,84	VR873.1K-3E200L/4D	140325	965	
	2,4	M7 (4m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	141412	970	
	2,7	M6 (3m)	37	16	20645	91,16	VR873.1K-3E225S/4C	159350	1025	
	3,0	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	3,3	M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
	3,5	M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
	4,0	M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155573	1310	
	4,6	M6 (3m)	75	28	24402	53,03	VR873.1K-3G280S/4	156370	1310	
	5,2	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	
	Ø440	1,5	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890
1,7		M7 (4m)	30	9,6	20601	152,83	VR873.1K-2ED180L/4D	127139	890	
1,9		M7 (4m)	30	11	24655	134,22	VR873.1K-3E200L/4D	134686	965	
2,2		M6 (3m)	30	13	21431	116,84	VR873.1K-3E200L/4D	158104	965	
2,5		M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
2,8		M6 (3m)	45	16	20645	91,16	VR873.1K-3E225M/4D	155793	1065	
3,1		M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
3,5		M6 (3m)	55	20	24686	73,09	VR873.1K-3E250M/4D	157024	1180	
3,7		M6 (3m)	55	21	23291	69,01	VR873.1K-3E250M/4D	159292	1180	
4,2		M6 (3m)	75	25	27716	60,33	VR873.1K-3G280S/4	155573	1310	
4,8		M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

Kompakt Motor / Compact Motor / Kompaktmotor

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

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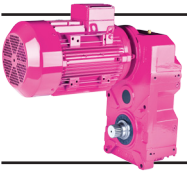
Tambur Çapı Drum Diameter Trommel-durchmesser D _T [mm]	IE3 Kaldırma Hızı Lifting Speed Hubgeschwindigkeit V _h [m/min]	Vinç* Sınıfı Crane* Class Kranklasse* ISO (FEM)	Motor Gücü Power Leistung [kW]	IE3 Çıkış Devri Output Speeds Abtriebs-drehzahlen n ₂ [r.p.m]	IE3 Çıkış Momenti Output Torque Abtriebs-drehmomente M ₂ [Nm]	Çevrim Oranı Ratio Übersetzung i	Tipi Type Typ	IE3 Güv. Rad.Yük Çıkış Per. O.Loads (Output) Zul.Querkräfte (Abtrieb) F _{qam} [N]	Ağırlık Weight Gewicht ~ [kg]	Ölçü Sayfası Dim. Page Maße Seite
Ø440	5,5	M5 (2m)	75	32	21530	46,82	VR873.1K-3G280S/4	166925	1310	374
Ø460	1,6	M7 (4m)	22	8,7	22849	170,32	VR873.1K-3E180L/4D	122901	890	374
	1,7	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	2,0	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	2,3	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	2,6	M6 (3m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	156901	970	
	2,9	M6 (3m)	45	16	25109	91,16	VR873.1K-3E225M/4D	155793	1065	
	3,3	M6 (3m)	45	18	22452	81,40	VR873.1K-3E225M/4D	158347	1065	
	3,6	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	3,9	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	4,4	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	5,0	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
5,7	M5 (2m)	90	32	25836	46,82	VR873.1K-3G280M/4	163494	1370		
Ø480	1,6	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890	374
	1,8	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	2,1	M6 (3m)	30	11	24655	134,22	VR873.1K-3E200L/4D	155606	965	
	2,4	M6 (3m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	154117	970	
	2,7	M5 (2m)	37	14	23289	102,78	VR873.1K-2ED200L/4D	174302	970	
	3,1	M5 (2m)	45	16	25109	91,16	VR873.1K-3E225M/4D	171049	1065	
	3,4	M5 (2m)	55	18	27441	81,40	VR873.1K-3E250M/4D	167962	1180	
	3,8	M5 (2m)	55	20	24686	73,09	VR873.1K-3E250M/4D	169288	1180	
	4,0	M5 (2m)	55	21	23291	69,01	VR873.1K-3E250M/4D	170512	1180	
	4,6	M5 (2m)	75	25	27716	60,33	VR873.1K-3G280S/4	165849	1310	
	5,3	M5 (2m)	75	28	24402	53,03	VR873.1K-3G280S/4	166537	1310	
6,0	M4 (1Am)	90	32	25836	46,82	VR873.1K-3G280M/4	174140	1370		
Ø500	1,7	M6 (3m)	30	8,7	31158	170,32	VR873.1K-2ED180L/4D	148105	890	374
	1,9	M6 (3m)	30	9,6	28093	152,83	VR873.1K-2ED180L/4D	152473	890	
	2,1	M5 (2m)	30	11	24655	134,22	VR873.1K-3E200L/4D	179945	965	
	2,5	M5 (2m)	37	13	26432	116,84	VR873.1K-2ED200L/4D	174392	970	
	3,2	M5 (2m)	45	14	23289	91,16	VR873.1K-3E225M/4D	171049	1065	
	3,6	M5 (2m)	55	16	25109	81,40	VR873.1K-3E250M/4D	167962	1180	
	4,0	M5 (2m)	55	18	27441	73,09	VR873.1K-3E250M/4D	169288	1180	
	4,2	M4 (1Am)	75	20	24686	69,01	VR873.1K-3G280S/4	175686	1310	
	4,8	M4 (1Am)	75	21	23291	60,33	VR873.1K-3G280S/4	176717	1310	
	5,5	M4 (1Am)	75	25	27716	53,03	VR873.1K-3G280S/4	177292	1310	
	6,2	M4 (1Am)	90	28	24402	46,82	VR873.1K-3G280M/4	174140	1370	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

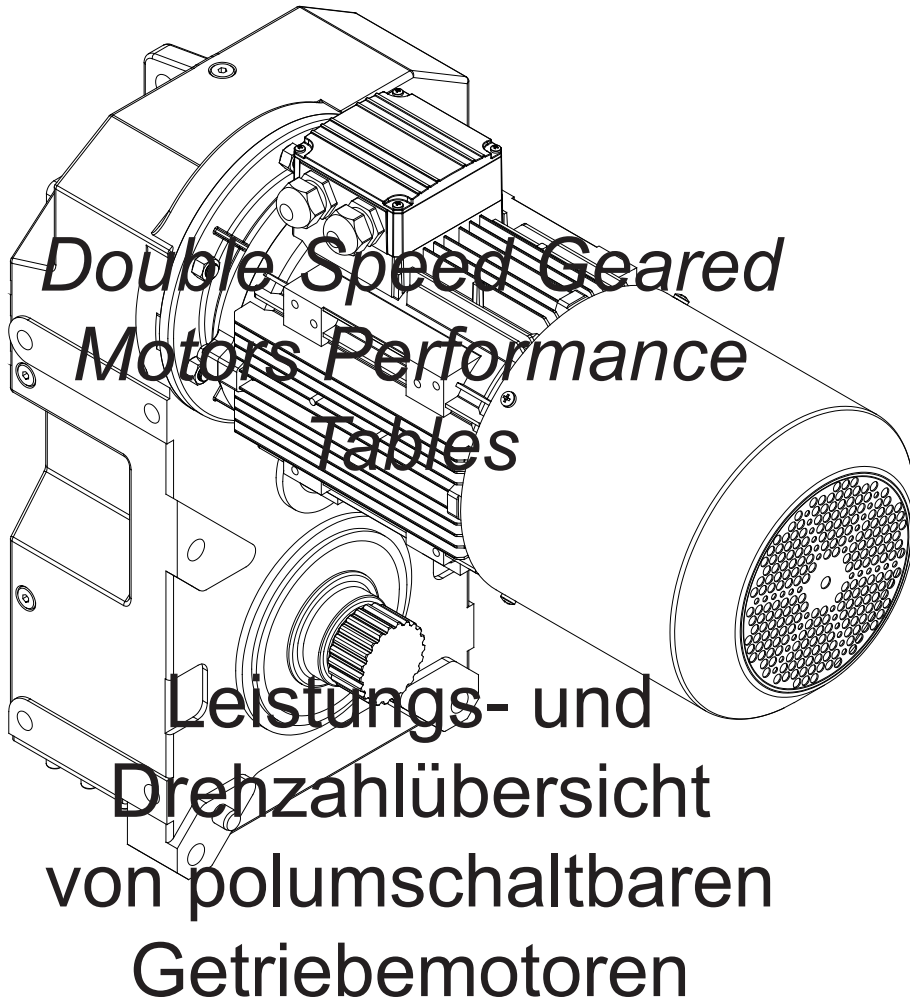
*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

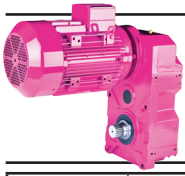
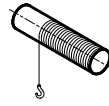
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Kompakt Motor / Compact Motor / Kompaktmotor



Çift Devirli Motorlu Güç Devir Sayfaları



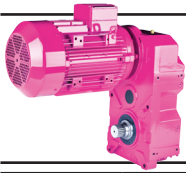
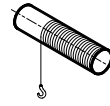
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	1,1 / 6,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	1,2 / 7,6	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	1,3 / 8,1	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,5 / 9,5	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,8 / 10,9	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	2,0 / 12,5	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	2,4 / 15,1	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	2,9 / 18,1	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	3,5 / 21,6	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	4,1 / 25,0	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	4,9 / 30,0	M8 (5m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	12583	60	
	5,8 / 35,8	M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	14190	60	
	Ø110	1,2 / 7,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
1,3 / 8,3		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
1,4 / 8,9		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
1,7 / 10,4		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
1,9 / 12,9		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
2,2 / 13,7		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
2,7 / 16,6		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
3,2 / 19,9		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
3,8 / 23,7		M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	17045	53	
4,5 / 27,5		M7 (4m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	15301	60	
5,3 / 33,3		M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60	
6,4 / 39,4		M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	14190	60	
3,9 / 24,2		M8 (5m)	0,37 / 2,5	11,3 / 70	292 / 324	41,42	VR373.1K-E100LUD	13822	82	369
4,6 / 28,2		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
5,1 / 31,2		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
5,9 / 36,4		M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
6,9 / 42,5		M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
Ø120	1,3 / 7,9	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	1,5 / 9,1	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	1,6 / 9,7	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,8 / 11,4	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	2,1 / 13,1	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	2,9 / 18,1	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53	
	3,5 / 21,7	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53	
	4,2 / 25,9	M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	17045	53	
	3,4 / 20,9	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82	369
	4,3 / 26,4	M8 (5m)	0,37 / 2,5	11,3 / 70	292 / 324	41,42	VR373.1K-E100LUD	13822	82	
	5,0 / 30,8	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	5,5 / 34	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	6,4 / 39,7	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
	7,5 / 46,3	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
Ø130	1,4 / 8,6	M7 (4m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	21969	53	368
	1,6 / 9,8	M7 (4m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	21448	53	
	1,7 / 10,5	M7 (4m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	21193	53	
	2,0 / 12,3	M7 (4m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	20535	53	
	2,3 / 14,2	M7 (4m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	19945	53	
	2,6 / 16,2	M7 (4m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	19378	53	
	3,2 / 19,6	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53	
	3,8 / 23,5	M6 (3m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	22166	53	
	1,6 / 9,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	1,8 / 11,1	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

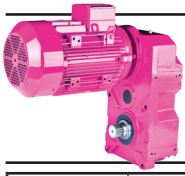
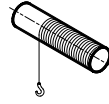
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	2,0 / 12,6	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	369	
	2,4 / 14,9	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	2,8 / 17,6	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82		
	3,3 / 20,5	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82		
	3,7 / 22,6	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82		
	4,6 / 28,6	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90		
	5,4 / 33,4	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90		
	6,0 / 36,9	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90		
	7,0 / 43	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90		
	8,1 / 50,2	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90		
	Ø140	1,5 / 9,2	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	27890		53
1,7 / 10,6		M6 (3m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	27133	53		
1,8 / 11,3		M6 (3m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	26770	53		
2,2 / 13,3		M6 (3m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	25847	53		
2,5 / 15,3		M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	25036	53		
2,8 / 17,5		M6 (3m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	24269	53		
3,4 / 21,1		M5 (2m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	28994	53		
4,1 / 25,3		M5 (2m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	27666	53		
1,7 / 10,5		M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
1,9 / 11,9		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
2,2 / 13,5		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
2,6 / 16,1	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
3,1 / 18,9	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
3,6 / 22,1	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82			
4,0 / 24,4	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82			
5,0 / 30,8	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
5,8 / 35,9	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
6,4 / 39,7	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
7,5 / 46,3	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
8,8 / 54,1	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90			
Ø150	1,8 / 11,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	2,1 / 12,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	2,3 / 14,5	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	2,8 / 17,2	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	3,3 / 20,3	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82		
	3,8 / 23,6	M8 (5m)	0,8 / 2,5	8,1 / 50	876 / 449	57,79	VR373.1K-E100LUD	15190	82		
	4,2 / 26,1	M8 (5m)	0,8 / 2,5	9,0 / 55	794 / 407	52,30	VR373.1K-E100LUD	14769	82		
	5,3 / 33	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90		
	6,2 / 38,5	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90		
	6,9 / 42,5	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90		
	8,0 / 49,6	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90		
9,4 / 57,9	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			
Ø160	1,9 / 12	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	2,2 / 13,7	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	2,5 / 15,4	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	3,0 / 18,4	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	3,5 / 21,6	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82		
	4,1 / 25,2	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82		
	4,5 / 27,9	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14769	90		
	5,7 / 35,2	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90		
	6,7 / 41,1	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90		
	7,4 / 45,4	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90		
	8,6 / 52,9	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90		
10 / 61,8	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			
Ø170	2,1 / 12,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	2,4 / 14,5	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

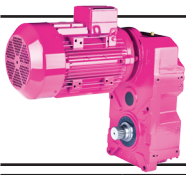
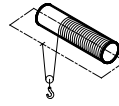
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø170	2,7 / 16,4	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	369
	3,2 / 19,5	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
	3,7 / 23	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
	4,3 / 26,8	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	15190	90	
	4,8 / 29,6	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
	6,1 / 37,4	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	7,1 / 43,6	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	7,8 / 48,2	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	9,1 / 56,2	M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107	
	10,6 / 65,6	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107	
	Ø180	2,2 / 13,5	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	
2,5 / 15,4		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
2,8 / 17,4		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
3,3 / 20,7		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
3,9 / 24,3		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
4,6 / 28,4		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
5,1 / 31,3		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
6,4 / 39,6		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
7,5 / 46,2		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
8,3 / 51		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

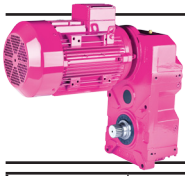
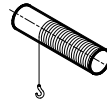
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,5 / 3,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,7 / 4,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,8 / 4,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,0 / 6,2	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,7 / 10,8	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,0 / 12,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	2,9 / 17,9	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø110	0,6 / 3,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,7 / 4,2	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,7 / 4,4	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,8 / 5,2	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,0 / 6,0	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,1 / 6,9	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,3 / 8,3	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,6 / 9,9	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,9 / 11,9	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,2 / 13,8	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	2,7 / 16,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	3,2 / 19,7	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø120	0,6 / 4,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,8 / 4,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,9 / 5,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,1 / 6,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,8 / 10,8	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	2,1 / 12,9	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	2,9 / 18,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	3,5 / 21,5	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø130	0,7 / 4,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,8 / 4,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,8 / 5,2	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,0 / 6,2	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,1 / 7,1	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,3 / 8,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,9 / 11,8	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	2,3 / 14,0	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,6 / 16,3	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	3,2 / 19,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	3,8 / 23,3	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø140	0,7 / 4,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,9 / 5,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,9 / 5,6	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,1 / 6,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,2 / 7,6	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,4 / 8,7	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,7 / 10,6	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	2,1 / 12,7	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	2,4 / 15,1	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,8 / 17,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	3,4 / 21,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	4,1 / 25,1	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

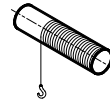
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø100	1,1 / 6,6	M5 (2m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	35334	53	368		
	1,2 / 7,6	M5 (2m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	34281	53			
	1,3 / 8,1	M5 (2m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	33782	53			
	1,5 / 9,5	M5 (2m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	32524	53			
	1,8 / 10,9	M5 (2m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	31438	53			
	2,0 / 12,5	M4 (1Am)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	37991	53			
	2,4 / 15,1	M4 (1Am)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	36147	53			
	2,9 / 18,1	M4 (1Am)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	34439	53			
	3,5 / 21,6	M4 (1Am)	0,8 / 4,9	11 / 69	637 / 640	42,22	VR273.1K-E112MUD	31540	60			
	4,1 / 25,0	M6 (3m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	19270	60			
	4,9 / 30,0	M6 (3m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	18501	60			
	5,8 / 35,8	M6 (3m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	17754	60			
	Ø110	1,3 / 8,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623		82	369
		1,5 / 9,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982		82	
1,7 / 10,6		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
2,0 / 12,6		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
2,4 / 14,9		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
2,8 / 17,3		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
3,1 / 19,2		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
3,9 / 24,2		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
4,6 / 28,2		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
5,1 / 31,2		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
5,9 / 36,4		M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
7,0 / 42,8		M8 (5m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	13505	107			
Ø120		1,5 / 9,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
		1,7 / 10,2	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	1,9 / 11,6	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	2,2 / 13,8	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	2,6 / 16,2	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
	3,1 / 18,9	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
	3,4 / 20,9	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	4,3 / 26,4	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	5,0 / 30,8	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
	5,5 / 34	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
	6,4 / 39,7	M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107			
	7,6 / 46,7	M7 (4m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	16238	107			
	Ø130	1,6 / 9,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82		369
		1,8 / 11,1	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
2,0 / 12,6		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
2,4 / 14,9		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
2,8 / 17,6		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90			
3,3 / 20,5		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
3,7 / 22,6		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
4,6 / 28,6		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
5,4 / 33,4		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
6,0 / 36,9		M7 (4m)	1,6 / 4,9	14,6 / 90	980 / 494	32,11	VR373.1K-E112MUD	15613	90			
7,0 / 43		M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107			
8,2 / 50,6		M7 (4m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	16238	107			
Ø140		1,7 / 10,5	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
		1,9 / 11,9	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	2,2 / 13,5	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	2,6 / 16,1	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	3,1 / 18,9	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90			
	3,6 / 22,1	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
	4,0 / 24,4	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	5,0 / 30,8	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	5,8 / 35,9	M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	16053	90			
	6,4 / 39,7	M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	15133	107			
	7,5 / 46,3	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

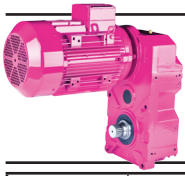
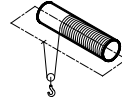
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø140	8,9 / 54,5	M7 (4m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	16238	107	369
Ø150	1,8 / 11,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	2,1 / 12,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	2,3 / 14,5	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	2,8 / 17,2	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90	
	3,3 / 20,3	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90	
	3,8 / 23,6	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
	4,2 / 26,1	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	
	5,3 / 33	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90	
	6,2 / 38,5	M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107	
	6,9 / 42,5	M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	15133	107	
	8,0 / 49,6	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107	
	9,5 / 58,4	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107	
	Ø160	1,9 / 12	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	
2,2 / 13,7		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
2,5 / 15,4		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
3,0 / 18,4		M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90	
3,5 / 21,6		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90	
4,1 / 25,2		M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90	
4,5 / 27,9		M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	
5,7 / 35,2		M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90	
6,7 / 41,1		M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107	
7,4 / 45,4		M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	15133	107	
8,6 / 52,9		M6 (3m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	18029	107	
10,1 / 62,3		M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107	
Ø170		2,1 / 12,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82
	2,4 / 14,5	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	2,7 / 16,4	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	3,2 / 19,5	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90	
	3,7 / 23	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90	
	4,3 / 26,8	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90	
	4,8 / 29,6	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	
	6,1 / 37,4	M7 (4m)	1,6 / 9,5	11,3 / 70	1261 / 1230	41,42	VR373.1K-E132MUE	16111	107	
	7,1 / 43,6	M6 (3m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	19277	107	
	7,8 / 48,2	M6 (3m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	18780	107	
	9,1 / 56,2	M6 (3m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	18029	107	
	10,8 / 66,2	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107	
	Ø180	2,2 / 13,5	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82
2,5 / 15,4		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
2,8 / 17,4		M8 (5m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	16621	90	
3,3 / 20,7		M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90	
3,9 / 24,3		M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90	
4,6 / 28,4		M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90	
5,1 / 31,3		M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

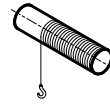
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø100	0,5 / 3,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368		
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
	0,7 / 4,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
	0,8 / 4,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	1,0 / 6,2	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53			
	1,7 / 10,8	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
	2,0 / 12,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53			
	2,9 / 17,9	M8 (5m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60			
	Ø110	0,6 / 3,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087		53	368
0,7 / 4,2		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
0,7 / 4,4		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
0,8 / 5,2		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
1,0 / 6,0		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
1,1 / 6,9		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
1,3 / 8,3		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
1,6 / 9,9		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53			
1,9 / 11,9		M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
2,2 / 13,8		M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
2,7 / 16,5		M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53			
3,2 / 19,7		M8 (5m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60			
Ø120		0,6 / 4,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
	0,8 / 4,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
	0,9 / 5,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	1,1 / 6,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	1,8 / 10,8	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53			
	2,1 / 12,9	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
	Ø130	0,7 / 4,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53		368
		0,8 / 4,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53		
		0,8 / 5,2	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53		
1,0 / 6,2		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
1,1 / 7,2		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
1,3 / 8,1		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
1,6 / 9,8		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
1,9 / 11,8		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53			
2,3 / 14,0		M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
2,6 / 16,3		M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
Ø140		0,7 / 4,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368	
		0,9 / 5,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53		
		0,9 / 5,6	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53		
	1,1 / 6,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	1,2 / 7,6	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	1,4 / 8,7	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	1,7 / 10,6	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	2,1 / 12,7	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53			
	2,4 / 15,1	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

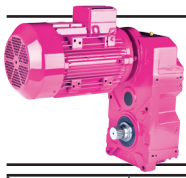
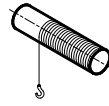
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	1,8 / 11,2	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
	2,1 / 12,7	M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	
	2,5 / 15,3	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	2,6 / 16,1	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	3,1 / 19,1	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	3,6 / 21,9	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	4,1 / 25	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
	4,7 / 28,7	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147	
	5,4 / 33	M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147	
	6,1 / 37,6	M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147	
	7,4 / 45,6	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	
	8,8 / 55,1	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227	
	8,9 / 55,4	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	371
	Ø180	1,9 / 11,8	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115
2,2 / 13,5		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
2,6 / 16,2		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
2,8 / 17,1		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
3,3 / 20,2		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
3,8 / 23,2		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
4,3 / 26,5		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
4,9 / 30,4		M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147	
5,7 / 34,9		M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147	
6,5 / 39,8		M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147	
7,8 / 48,2		M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147	
9,3 / 58,3		M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227	
7,1 / 43,9		M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	371
8,0 / 49,4		M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221	
9,4 / 58,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190	2,0 / 12,5	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
	2,3 / 14,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	2,8 / 17	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	2,9 / 18	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	3,5 / 21,4	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	4,0 / 24,5	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	4,5 / 28	M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147	
	5,2 / 32,1	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147	
	6,0 / 36,8	M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147	
	6,8 / 42	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	8,3 / 50,9	M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147	
	9,9 / 61,5	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227	
	6,6 / 40,9	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	371
	7,5 / 46,4	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	
8,5 / 52,2	M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221		
9,9 / 61,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø200	2,1 / 13,2	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,4 / 15	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	2,9 / 17,9	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	3,1 / 19	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	3,6 / 22,5	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	4,2 / 25,8	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	4,8 / 29,4	M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147	
	5,5 / 33,8	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147	
	6,3 / 38,8	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	7,2 / 44,3	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	8,7 / 53,6	M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

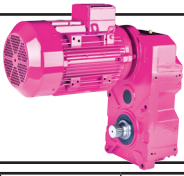
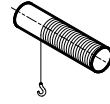
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø200	10,4 / 64,8	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227	370
	5,7 / 35,3	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	371
	7,0 / 43,1	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	7,9 / 48,8	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	
	8,9 / 54,9	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305	
	10,4 / 65,1	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
Ø210	2,2 / 13,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,6 / 15,7	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	3,1 / 18,8	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	3,2 / 19,9	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	3,8 / 23,6	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	4,4 / 27,1	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	5,0 / 30,9	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147	
	5,8 / 35,5	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	6,6 / 40,7	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	7,5 / 46,5	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	9,1 / 56,3	M7 (4m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	47470	227	
	10,9 / 68	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	4,5 / 27,7	M8 (5m)	0,8 / 4,9	6,8 / 42	1049 / 1054	69,00	VR573.1K-E112MUD	72763	196	371
	5,3 / 32,8	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221	
	6,0 / 37,1	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	7,3 / 45,3	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	8,3 / 51,2	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	
9,4 / 57,7	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
11 / 68,4	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø220	2,3 / 14,5	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,7 / 16,5	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	3,2 / 19,7	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	3,4 / 20,9	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	4,0 / 24,7	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	4,6 / 28,4	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	5,2 / 32,4	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147	
	6,0 / 37,2	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	6,9 / 42,7	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	7,9 / 48,7	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	9,6 / 59	M6 (3m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	49401	227	
	11,4 / 71,3	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	4,2 / 25,8	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70613	196	371
	4,7 / 29	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73129	221	
	5,6 / 34,3	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74441	221	
	6,3 / 38,9	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75837	221	
	7,7 / 47,4	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76519	221	
8,7 / 53,7	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77568	221		
9,8 / 60,4	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78842	305		
11,5 / 71,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø230	2,5 / 15,1	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,8 / 17,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	3,3 / 20,6	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	3,5 / 21,8	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	4,2 / 25,9	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
	4,8 / 29,7	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	5,5 / 33,9	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147	
	6,3 / 38,9	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	7,2 / 44,6	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	8,3 / 50,9	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

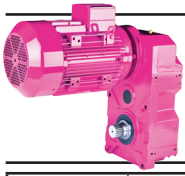
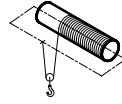
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø230	3,9 / 23,8	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371	
	4,4 / 27	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196		
	4,9 / 30,4	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221		
	5,8 / 35,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		
	6,6 / 40,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	8,0 / 49,6	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	9,1 / 56,1	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
	10,3 / 63,1	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
	12 / 74,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø240	2,6 / 15,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881		122
2,9 / 18		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
3,5 / 21,5		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
3,7 / 22,8		M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		
4,4 / 27		M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122		
5,0 / 31		M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147		
5,7 / 35,3		M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
6,6 / 40,6		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
7,6 / 46,5		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
8,6 / 53,1		M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147		
4,0 / 24,9		M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371	
4,6 / 28,2		M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
5,1 / 31,7		M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221		
6,1 / 37,4		M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		
6,9 / 42,4		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
8,4 / 51,7		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
9,5 / 58,6		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
10,7 / 65,9		M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
12,5 / 78,2	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

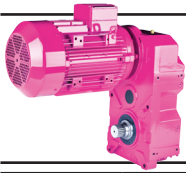
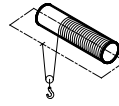
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,5 / 3,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,7 / 4,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,8 / 4,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,0 / 6,2	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,7 / 10,8	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	2,0 / 12,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	2,4 / 15,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	2,9 / 17,9	M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60	
	Ø110	0,6 / 3,6	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
0,7 / 4,2		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
0,7 / 4,4		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
0,8 / 5,2		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
1,0 / 6,0		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
1,1 / 6,9		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
1,3 / 8,3		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
1,6 / 9,9		M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
1,9 / 11,9		M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
2,2 / 13,8		M7 (4m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	13151	60	
2,7 / 16,5		M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	12583	60	
3,2 / 19,7		M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60	
2,0 / 12,1		M8 (5m)	0,37 / 2,5	11,3 / 70	292 / 324	41,42	VR373.1K-E100LUD	13822	82	369
2,3 / 14,1		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
2,5 / 15,6		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
2,9 / 18,2		M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
3,4 / 21,2		M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
Ø120		0,6 / 4,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,8 / 4,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,9 / 5,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,1 / 6,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,5 / 9,0	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,8 / 10,8	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	2,1 / 12,9	M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,7 / 10,4	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82	369
	2,1 / 13,2	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	2,5 / 15,4	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	2,8 / 17	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	3,2 / 19,8	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
	3,8 / 23,2	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
Ø130	0,7 / 4,3	M7 (4m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,8 / 4,9	M7 (4m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,8 / 5,2	M7 (4m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,0 / 6,2	M7 (4m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,1 / 7,1	M7 (4m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,3 / 8,1	M7 (4m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,6 / 9,8	M6 (3m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,9 / 11,8	M6 (3m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,8 / 4,9	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

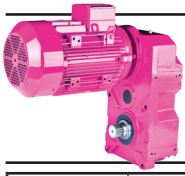
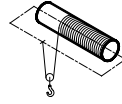
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø130	1,2 / 7,5	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	369
	1,4 / 8,8	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
	1,7 / 10,2	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82	
	1,8 / 11,3	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82	
	2,3 / 14,3	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	2,7 / 16,7	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	3,0 / 18,4	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	3,5 / 21,5	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
	4,1 / 25,1	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
Ø140	0,7 / 4,6	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,9 / 5,3	M6 (3m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,9 / 5,6	M6 (3m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	1,1 / 6,6	M6 (3m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	1,2 / 7,6	M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	1,4 / 8,7	M5 (2m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	1,7 / 10,6	M5 (2m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	2,1 / 12,7	M5 (2m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,8 / 5,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	
	1,0 / 6	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	1,1 / 6,8	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	1,3 / 8	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
	1,5 / 9,5	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
	1,8 / 11	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82	
	2,0 / 12,2	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82	
	2,5 / 15,4	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	2,9 / 18	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	3,2 / 19,8	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
3,8 / 23,1	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90		
4,4 / 27	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90		
Ø150	0,9 / 5,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	1,0 / 6,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	1,2 / 7,2	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	1,4 / 8,6	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
	1,6 / 10,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
	1,9 / 11,8	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82	
	2,1 / 13,1	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
	2,7 / 16,5	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	3,1 / 19,2	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	3,4 / 21,3	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	4,0 / 24,8	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
	4,7 / 29	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107	
	Ø160	1,0 / 6,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	
1,1 / 6,8		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
1,3 / 7,7		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
1,5 / 9,2		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
1,8 / 10,8		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
2,0 / 12,6		M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82	
2,3 / 13,9		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
2,9 / 17,6		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
3,3 / 20,5		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
3,7 / 22,7		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
4,3 / 26,5		M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
5,0 / 30,9		M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107	
Ø170		1,0 / 6,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82
	1,2 / 7,3	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	1,3 / 8,2	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

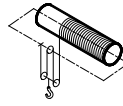
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _n [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	1,9 / 11,5	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	369
	2,2 / 13,4	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
	2,4 / 14,8	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
	3,0 / 18,7	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	3,5 / 21,8	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	3,9 / 24,1	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	4,6 / 28,1	M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107	
	5,3 / 32,8	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107	
	Ø180	1,1 / 6,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82
1,2 / 7,7		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
1,4 / 8,7		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
1,7 / 10,3		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
2,0 / 12,2		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
2,3 / 14,2		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
2,5 / 15,7		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
3,2 / 19,8		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
3,7 / 23,1		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
4,1 / 25,5		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
4,8 / 29,8		M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107	
5,6 / 34,7		M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	16289	107	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

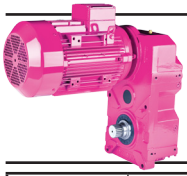
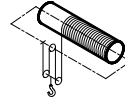
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,3 / 1,7	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 1,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,3 / 2,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,4 / 2,7	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,5 / 8,9	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø110	0,3 / 1,8	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,2	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,5 / 3,0	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,6 / 3,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,8 / 5,0	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,0 / 5,9	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,1 / 6,9	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,3 / 8,3	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø120	0,3 / 2,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,0 / 6,5	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,7 / 10,7	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø130	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,4 / 2,5	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,6 / 3,5	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,8 / 4,9	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,0 / 5,9	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,1 / 7,0	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,3 / 8,1	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,9 / 11,6	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø140	0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,7 / 4,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,9 / 5,3	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,4 / 8,8	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,7 / 10,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

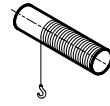
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel- durchmeßer	Hubgesch- windigkeit	Kranklasse*	Leistung	Abtriebs- drehzahlen	Abtriebs- drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø140	2,0 / 12,5	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	368

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

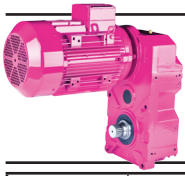
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	1,8 / 11,2	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,1 / 12,7	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	2,5 / 15,3	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	2,6 / 16,1	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	3,1 / 19,1	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	3,6 / 21,9	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	4,1 / 25,2	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	4,7 / 28,7	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	5,4 / 33	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	6,1 / 37,6	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	7,3 / 45,7	M7 (4m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	47474	227	
	8,8 / 55,1	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	3,7 / 22,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	371
	4,3 / 26,8	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	4,9 / 30	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	5,9 / 36,6	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	6,7 / 41,5	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	
	7,5 / 46,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
	8,9 / 55,4	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
	Ø180	1,9 / 11,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122
2,2 / 13,5		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
2,6 / 16,2		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
2,8 / 17,1		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
3,3 / 20,2		M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
3,8 / 23,2		M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
4,3 / 26,7		M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
4,9 / 30,4		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
5,7 / 34,9		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
6,5 / 39,8		M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
7,8 / 48,4		M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
9,3 / 58,3		M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
3,0 / 18,6		M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371
3,4 / 21,1		M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196	
3,9 / 24		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
4,6 / 28,3		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
5,2 / 31,8		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
6,3 / 38,8		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
7,1 / 43,9		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
7,9 / 49,6		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
9,4 / 58,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190	2,0 / 12,5	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,3 / 14,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	2,8 / 17	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	2,9 / 18	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	3,5 / 21,4	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
	4,0 / 24,5	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	4,6 / 28,2	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	5,2 / 32,1	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	6,0 / 36,8	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	6,8 / 42	M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147	
	8,2 / 51,1	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	9,9 / 61,5	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	3,2 / 19,7	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371
	3,6 / 22,3	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	4,1 / 25,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	4,9 / 29,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	5,5 / 33,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

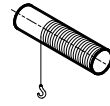
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø190	6,6 / 40,9	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	371
	7,5 / 46,4	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
	8,4 / 52,3	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
	9,9 / 61,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
Ø200	2,1 / 13,2	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,4 / 15	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	2,9 / 17,9	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	3,1 / 19	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	3,6 / 22,5	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	4,2 / 25,8	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	4,8 / 29,7	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	5,5 / 33,8	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	6,3 / 38,8	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	7,2 / 44,3	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	8,6 / 53,8	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	10,4 / 64,8	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	2,8 / 17	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371
	3,4 / 20,7	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	3,8 / 23,5	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	4,3 / 26,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	5,1 / 31,5	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	5,7 / 35,3	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
7,0 / 43,1	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
7,9 / 48,8	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
8,8 / 55,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
10,4 / 65,1	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø210	2,2 / 13,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	2,6 / 15,7	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	3,1 / 18,8	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	3,2 / 19,9	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	3,8 / 23,6	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	4,4 / 27,1	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	5,1 / 31,2	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	5,8 / 35,5	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	6,6 / 40,7	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	7,5 / 46,5	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	9,0 / 56,5	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	10,9 / 68	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227	
	2,4 / 15,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	371
	2,9 / 17,8	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	3,5 / 21,8	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	4,0 / 24,6	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	4,5 / 28	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	5,4 / 33	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
6,0 / 37,1	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
7,3 / 45,3	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305		
8,3 / 51,2	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
9,3 / 57,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
11 / 68,4	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø220	2,3 / 14,5	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	2,7 / 16,5	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	3,2 / 19,7	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	3,4 / 20,9	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	4,0 / 24,7	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	4,6 / 28,4	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	5,3 / 32,7	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	6,0 / 37,2	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

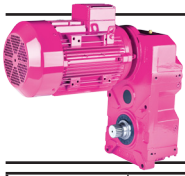
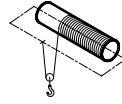
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø220	6,9 / 42,7	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	370
	7,9 / 48,7	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	9,5 / 59,2	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	11,4 / 71,3	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227	
	2,0 / 12,2	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196	371
	2,3 / 14	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196	
	2,6 / 15,8	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196	
	3,0 / 18,7	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65714	196	
	3,7 / 22,8	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68541	221	
	4,2 / 25,8	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71056	221	
	4,8 / 29,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221	
	5,6 / 34,6	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74373	221	
	6,3 / 38,9	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75837	221	
	7,7 / 47,4	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	76886	305	
	8,7 / 53,7	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	77914	305	
	9,7 / 60,6	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78821	305	
11,5 / 71,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø230	2,5 / 15,1	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	2,8 / 17,2	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	3,3 / 20,6	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	3,5 / 21,8	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	4,2 / 25,9	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	4,8 / 29,7	M6 (3m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	48428	147	
	5,5 / 34,2	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	6,3 / 38,9	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	2,1 / 12,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	2,4 / 14,6	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	2,7 / 16,5	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	3,2 / 19,5	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	3,9 / 23,8	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
	4,4 / 27	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	5,0 / 30,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	5,9 / 36,2	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
6,6 / 40,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
8,0 / 49,6	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305		
9,1 / 56,1	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
10,1 / 63,4	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
Ø240	2,3 / 15,8	M7 (4m)	0,8 / 4,9	3,4 / 21	2318 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	2,6 / 18	M7 (4m)	0,8 / 4,9	3,9 / 24	2076 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	2,9 / 21,5	M7 (4m)	0,8 / 4,9	4,6 / 29	1828 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	3,5 / 22,8	M7 (4m)	1,6 / 9,5	4,9 / 30	3063 / 2820	95,87	VR473.1K-E132MUE	42589	147	
	3,7 / 27	M6 (3m)	1,6 / 9,5	5,8 / 36	2897 / 2380	81,00	VR473.1K-E132MUE	47670	147	
	4,4 / 31	M6 (3m)	1,6 / 9,5	6,7 / 41	2445 / 2079	70,59	VR473.1K-E132MUE	48428	147	
	5 / 35,6	M6 (3m)	1,6 / 9,5	7,7 / 47	2136 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	5,8 / 40,6	M6 (3m)	1,6 / 9,5	8,7 / 54	1855 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	2,2 / 13,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	2,5 / 15,2	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	2,8 / 17,2	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	3,3 / 20,4	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	4,0 / 24,9	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
	4,6 / 28,2	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	5,2 / 31,9	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	6,1 / 37,8	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
6,9 / 42,4	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
8,4 / 51,7	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305		
9,5 / 58,6	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
10,6 / 66,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

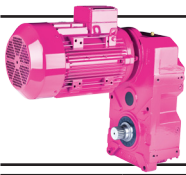
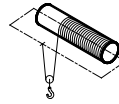
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,5 / 3,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,7 / 4,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,8 / 4,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,9 / 5,5	M7 (4m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	19945	53	
	1,0 / 6,2	M7 (4m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	19378	53	
	1,2 / 7,5	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53	
	1,5 / 9,0	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53	
	1,7 / 10,8	M7 (4m)	0,8 / 4,9	11 / 69	637 / 640	42,22	VR273.1K-E112MUD	17045	60	
	2,0 / 12,5	M7 (4m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	15301	60	
	2,4 / 15,0	M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60	
	2,9 / 17,9	M6 (3m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	17754	60	
	Ø110	0,6 / 3,6	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
0,7 / 4,2		M6 (3m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
0,7 / 4,4		M6 (3m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
0,8 / 5,2		M6 (3m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
1,0 / 6,0		M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	19945	53	
1,1 / 6,9		M6 (3m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	19378	53	
1,3 / 8,3		M6 (3m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53	
1,6 / 9,9		M5 (2m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53	
1,9 / 11,9		M5 (2m)	0,8 / 4,9	11 / 69	637 / 640	42,22	VR273.1K-E112MUD	17045	60	
2,2 / 13,8		M6 (3m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	15301	60	
2,7 / 16,5		M6 (3m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60	
3,2 / 19,7		M6 (3m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	17754	60	
0,7 / 4,1		M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	23158	82	369
0,8 / 4,7		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21885	82	
0,9 / 5,3		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	21182	82	
1,0 / 6,3		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	20221	82	
1,2 / 7,4		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	19072	82	
1,4 / 8,7		M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	18307	82	
1,6 / 9,6		M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	17448	82	
2,0 / 12,1		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16429	90	
2,3 / 14,1	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	15482	90		
2,5 / 15,6	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	15095	90		
2,9 / 18,2	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	14511	90		
3,4 / 21,2	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	13592	90		
Ø120	0,6 / 4,0	M5 (2m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	35334	53	368
	0,7 / 4,5	M5 (2m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	34281	53	
	0,8 / 4,8	M5 (2m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	33782	53	
	0,9 / 5,7	M5 (2m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	32524	53	
	1,1 / 6,5	M4 (1Am)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	39320	53	
	1,2 / 7,5	M4 (1Am)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	37991	53	
	1,5 / 9,0	M4 (1Am)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	36147	53	
	1,8 / 10,8	M4 (1Am)	0,37 / 2,5	11,3 / 70	637 / 640	50,36	VR273.1K-E100LUD	34439	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	82	369
	0,8 / 5,1	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21885	82	
	0,9 / 5,8	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	21182	82	
	1,1 / 6,9	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19898	82	
	1,3 / 8,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	19072	82	
1,5 / 9,5	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	17892	82		
1,7 / 10,4	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90		
2,1 / 13,2	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16429	90		
2,5 / 15,4	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	15482	90		
2,8 / 17	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	15095	90		
3,2 / 19,8	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	14113	90		
3,8 / 23,2	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13592	107		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

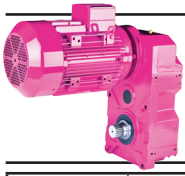
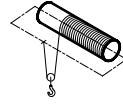
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø130	0,8 / 4,9	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	82	369
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21885	82	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	21182	82	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19898	82	
	1,4 / 8,8	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	19072	82	
	1,7 / 10,2	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
	1,8 / 11,3	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17448	90	
	2,3 / 14,3	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16088	90	
	2,7 / 16,7	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	15482	90	
	3,0 / 18,4	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	14631	90	
	3,5 / 21,5	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	14113	90	
	4,1 / 25,1	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13592	107	
	Ø140	0,8 / 5,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	
1,0 / 6		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21885	82	
1,1 / 6,8		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	20798	82	
1,3 / 8		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19898	82	
1,5 / 9,5		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	18590	82	
1,8 / 11		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
2,0 / 12,2		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17448	90	
2,5 / 15,4		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16088	90	
2,9 / 18		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	15482	90	
3,2 / 19,8		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	14631	90	
3,8 / 23,1		M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14113	107	
4,4 / 27		M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13202	107	
Ø150		0,9 / 5,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	82
	1,0 / 6,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21885	82	
	1,2 / 7,2	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	20798	82	
	1,4 / 8,6	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19898	82	
	1,6 / 10,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	18590	82	
	1,9 / 11,8	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	17892	90	
	2,1 / 13,1	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17448	90	
	2,7 / 16,5	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16088	90	
	3,1 / 19,2	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	14969	90	
	3,4 / 21,3	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	14631	90	
	4,0 / 24,8	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14113	107	
	4,7 / 29	M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13202	107	
	Ø160	1,0 / 6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	82
1,1 / 6,8		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21452	82	
1,3 / 7,7		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	20798	82	
1,5 / 9,2		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19331	82	
1,8 / 10,8		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90	
2 / 12,6		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	17892	90	
2,3 / 13,9		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17019	90	
2,9 / 17,6		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16088	90	
3,3 / 20,5		M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	14969	90	
3,7 / 22,7		M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	14631	107	
4,3 / 26,5		M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14113	107	
5,0 / 30,9		M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13202	107	
Ø170		1,0 / 6,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22710	82
	1,2 / 7,3	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21452	82	
	1,3 / 8,2	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	20798	82	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	19331	82	
	1,9 / 11,5	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	18590	90	
	2,2 / 13,4	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	17419	90	
	2,4 / 14,8	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17019	90	
	3,0 / 18,7	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	15491	90	
	3,5 / 21,8	M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	14969	90	
	3,9 / 24,1	M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	14631	107	
	4,6 / 28,1	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	13658	107	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

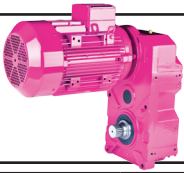
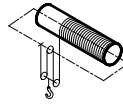
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmoment	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	5,3 / 32,8	M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13202	107	369
Ø180	1,1 / 6,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	22213	82	369
	1,2 / 7,7	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	21452	82	
	1,4 / 8,7	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	20798	82	
	1,7 / 10,3	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19331	90	
	2,0 / 12,2	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	18590	90	
	2,3 / 14,2	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	17419	90	
	2,5 / 15,7	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17019	90	
	3,2 / 19,8	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	15491	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

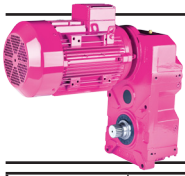
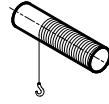
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø100	0,3 / 1,7	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 1,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,3 / 2,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,4 / 2,7	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,5 / 8,9	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø110	0,3 / 1,8	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,2	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,5 / 3,0	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,6 / 3,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,8 / 5,0	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,0 / 5,9	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,1 / 6,9	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,3 / 8,3	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	1,6 / 9,8	M8 (5m)	0,37 / 2,5	18 / 114	179 / 199	25,44	VR273.1K-E100LUD	12039	53	
Ø120	0,3 / 2,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,0 / 6,5	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,5 / 9,0	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
	Ø130	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	
0,4 / 2,5		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
0,4 / 2,6		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
0,5 / 3,1		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
0,6 / 3,5		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
0,7 / 4,1		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
0,8 / 4,9		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
1,0 / 5,9		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
1,1 / 7,0		M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
1,3 / 8,1		M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
1,6 / 9,8		M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53	
Ø140		0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,7 / 4,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,9 / 5,3	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,4 / 8,8	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

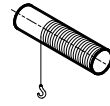
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	1,8 / 11,2	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370	
	2,1 / 12,7	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122		
	2,5 / 15,3	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122		
	2,6 / 16,1	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		
	3,1 / 19,3	M7 (4m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	44842	147		
	3,6 / 22,1	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	45803	147		
	4,1 / 25,2	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147		
	4,7 / 28,7	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147		
	5,4 / 33	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147		
	6,0 / 37,8	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48726	227		
	7,3 / 45,7	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227		
	8,8 / 55,1	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227		
	1,5 / 9,5	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	1,8 / 10,8	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	2,0 / 12,2	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	2,3 / 14,4	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	2,9 / 17,8	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	3,3 / 20,1	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	3,7 / 22,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	4,3 / 26,8	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
4,9 / 30	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221			
5,9 / 36,8	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
6,7 / 41,6	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
7,5 / 46,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
8,9 / 55,4	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			
Ø180	1,9 / 11,8	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370	
	2,2 / 13,5	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122		
	2,6 / 16,2	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122		
	2,8 / 17,1	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		
	3,3 / 20,4	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47679	147		
	3,8 / 23,4	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147		
	4,3 / 26,7	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147		
	4,9 / 30,4	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147		
	5,7 / 34,9	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	48011	227		
	6,4 / 40	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48726	227		
	7,8 / 48,4	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227		
	1,6 / 10	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	1,9 / 11,4	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	2,1 / 12,9	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	2,5 / 15,3	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	3,1 / 18,8	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	3,5 / 21,3	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	3,9 / 24	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	4,6 / 28,3	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	5,2 / 31,8	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
6,2 / 38,9	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
7,1 / 44,1	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
7,9 / 49,6	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
Ø190	2,0 / 12,5	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370	
	2,3 / 14,2	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122		
	2,8 / 17	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122		
	2,9 / 18	M6 (3m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	45920	147		
	3,5 / 21,5	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47679	147		
	4,0 / 24,7	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147		
	4,6 / 28,2	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147		
	5,2 / 32,1	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147		
	6,0 / 36,8	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	48011	227		
	6,8 / 42,2	M5 (2m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	50903	227		
	8,2 / 51,1	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

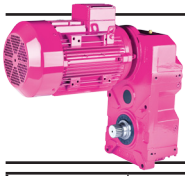
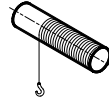
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	1,7 / 10,6	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
	2,0 / 12,1	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	2,2 / 13,6	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	2,6 / 16,1	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	3,2 / 19,9	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	3,7 / 22,5	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	4,1 / 25,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	4,9 / 29,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	5,5 / 33,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	6,6 / 41,1	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
	7,4 / 46,5	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
	8,4 / 52,3	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
	Ø200	2,1 / 13,2	M4 (1Am)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	57272	122	370
2,4 / 15		M4 (1Am)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	56875	122		
2,9 / 17,9		M4 (1Am)	1,6 / 9,5	4,6 / 29	3063 / 2982	101,48	VR473.1K-E132MUE	53211	147		
3,1 / 19		M4 (1Am)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	53449	147		
3,7 / 22,7		M4 (1Am)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	53992	147		
1,8 / 11,1		M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
2,1 / 12,7		M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
2,3 / 14,4		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
2,8 / 17		M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
3,4 / 20,9		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
3,8 / 23,7		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
4,3 / 26,6		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
5,1 / 31,5		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
5,7 / 35,3	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305			
6,9 / 43,2	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
7,8 / 49	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
8,8 / 55,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
Ø210	1,9 / 11,7	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
	2,2 / 13,3	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	2,4 / 15,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	2,9 / 17,8	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221		
	3,6 / 21,9	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	4,0 / 24,8	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	4,5 / 28	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	5,4 / 33	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	6,0 / 37,1	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305		
	7,3 / 45,4	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
	8,2 / 51,4	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
	Ø220	2,0 / 12,2	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196	371
		2,3 / 14	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196	
2,6 / 15,8		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196		
3,0 / 18,7		M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66129	221		
3,7 / 23		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68456	221		
4,2 / 26		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	70977	221		
4,8 / 29,3		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221		
5,6 / 34,6		M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	74761	305		
6,3 / 38,9		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76227	305		
7,6 / 47,6		M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	76862	305		
8,6 / 53,9		M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	81960	305		
Ø230		2,1 / 12,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
		2,4 / 14,6	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	2,7 / 16,5	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	3,2 / 19,5	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221		
	3,9 / 24	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	4,4 / 27,2	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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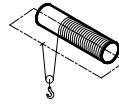
**1,6 t****1 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmoment	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	5,0 / 30,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	371
	5,9 / 36,2	M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305	
	6,6 / 40,6	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305	
	8,0 / 49,7	M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305	
	9,0 / 56,3	M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	82136	305	
	Ø240	2,2 / 13,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196
2,5 / 15,2		M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
2,8 / 17,2		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
3,3 / 20,4		M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221	
4,1 / 25,1		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
4,6 / 28,4		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221	
5,2 / 31,9		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
6,1 / 37,8		M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305	
6,9 / 42,4		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305	
8,3 / 51,9		M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

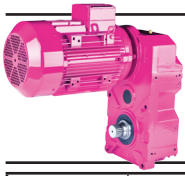
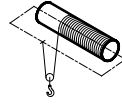
**1,6 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	0,8 / 4,9	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	0,9 / 5,5	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	1,4 / 8,8	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90		
	1,7 / 10,2	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90		
	1,8 / 11,3	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90		
	2,3 / 14,3	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90		
	2,7 / 16,7	M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	16053	90		
	3,0 / 18,6	M7 (4m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	15101	107		
	3,5 / 21,7	M7 (4m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	14519	107		
	4,1 / 25,3	M7 (4m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	16238	107		
	2,8 / 17,4	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	370	
	3,4 / 21	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
	Ø140	0,8 / 5,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
		1,0 / 6,0	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
1,1 / 6,8		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
1,3 / 8,0		M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90		
1,5 / 9,5		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90		
1,8 / 11		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90		
2,0 / 12,2		M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90		
2,5 / 15,4		M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90		
2,9 / 18		M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107		
3,3 / 20		M7 (4m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	15101	107		
3,8 / 23,3		M7 (4m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	14519	107		
4,4 / 27,3		M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107		
2,2 / 13,5		M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122	370	
2,5 / 15,4		M8 (5m)	0,8 / 4,9	11,3 / 70	632 / 636	41,50	VR473.1K-E112MUD	43676	122		
3,0 / 18,8		M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
3,7 / 22,6		M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø150	0,9 / 5,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	1,0 / 6,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	1,2 / 7,2	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	1,4 / 8,6	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90		
	1,6 / 10,1	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
	1,9 / 11,8	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		
	2,1 / 13,1	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90		
	2,7 / 16,5	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90		
	3,1 / 19,2	M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107		
	3,5 / 21,4	M7 (4m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	15101	107		
	4,1 / 25	M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107		
	4,7 / 29,2	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107		
	1,6 / 9,7	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	370	
	1,8 / 11	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	2,0 / 12,6	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
	2,3 / 14,4	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
2,7 / 16,5	M8 (5m)	0,8 / 4,9	11,3 / 70	632 / 636	41,50	VR473.1K-E112MUD	43676	122			
3,3 / 20,1	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147			
3,9 / 24,2	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147			
Ø160	1,0 / 6,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	1,1 / 6,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	1,3 / 7,7	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	1,5 / 9,2	M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90		
	1,8 / 10,8	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
	2,0 / 12,6	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		

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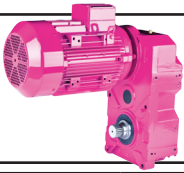
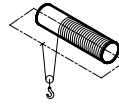
**1,6 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø160	2,3 / 13,9	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	369
	2,9 / 17,6	M7 (4m)	1,6 / 9,5	11,3 / 70	1261 / 1230	41,42	VR373.1K-E132MUE	16111	107	
	3,3 / 20,5	M6 (3m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	19277	107	
	3,7 / 22,9	M6 (3m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	18738	107	
	4,3 / 26,7	M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107	
	5,1 / 31,2	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107	
	1,5 / 9,0	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	370
	1,7 / 10,3	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	1,9 / 11,8	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
	2,2 / 13,4	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
	2,5 / 15,4	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122	
	2,8 / 17,6	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
	3,5 / 21,4	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	
	4,2 / 25,8	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147	
	Ø170	1,0 / 6,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82
1,2 / 7,3		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
1,3 / 8,2		M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	20798	90	
1,6 / 9,8		M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90	
1,9 / 11,5		M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90	
2,2 / 13,4		M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90	
2,4 / 14,8		M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	
3,0 / 18,7		M6 (3m)	1,6 / 9,5	11,3 / 70	1261 / 1230	41,42	VR373.1K-E132MUE	20059	107	
3,5 / 21,8		M6 (3m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	19277	107	
3,9 / 24,3		M6 (3m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	18738	107	
4,6 / 28,4		M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107	
5,4 / 33,1		M5 (2m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	23696	107	
1,3 / 8,1		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	370
1,5 / 9,6		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
1,8 / 11		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
2,0 / 12,5	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
2,3 / 14,2	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
2,6 / 16,3	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
3,0 / 18,6	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147		
3,7 / 22,8	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
4,5 / 27,4	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø180	1,1 / 6,7	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	1,2 / 7,7	M7 (4m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	22280	82	
	1,4 / 8,7	M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	21533	90	
	1,7 / 10,3	M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90	
	2,0 / 12,2	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90	
	2,3 / 14,2	M6 (3m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	22671	90	
	2,5 / 15,7	M6 (3m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	22058	90	
	1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	370
	1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	1,6 / 10,1	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	1,9 / 11,6	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	2,1 / 13,3	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
	2,4 / 15,1	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
	2,8 / 17,3	M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147	
	3,2 / 19,7	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
3,9 / 24,1	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
4,7 / 29,1	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø190	1,2 / 7,1	M7 (4m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	23097	82	369
	1,3 / 8,1	M7 (4m)	0,8 / 4,9	4,4 / 27	1604 / 1610	106,69	VR373.1K-E112MUD	22280	90	
	1,5 / 9,2	M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	20798	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

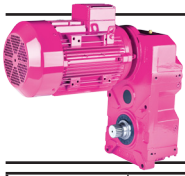
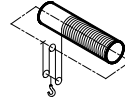
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad. Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø190	1,8 / 10,9	M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90	369
	2,1 / 12,8	M6 (3m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	23644	90	
	2,4 / 15,0	M6 (3m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	22671	90	
	2,7 / 16,5	M6 (3m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	22058	90	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
	1,2 / 7,1	M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	
	1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	1,5 / 9,0	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	1,7 / 10,7	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	2,0 / 12,3	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	2,3 / 14	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
	2,6 / 15,9	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
	3,0 / 18,3	M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147	
	3,4 / 20,8	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
	4,1 / 25,5	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	
	Ø200	1,2 / 7,5	M6 (3m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	28515	82
1,4 / 8,5		M6 (3m)	0,8 / 4,9	4,4 / 27	1604 / 1610	106,69	VR373.1K-E112MUD	26678	90	
1,6 / 9,7		M5 (2m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	32170	90	
1,9 / 11,5		M5 (2m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	30693	90	
2,2 / 13,5		M5 (2m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	29352	90	
2,6 / 15,8		M5 (2m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	28117	90	
1,1 / 6,6		M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
1,2 / 7,5		M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	
1,5 / 9,0		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
1,5 / 9,5		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
1,8 / 11,2		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
2,1 / 12,9		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
2,4 / 14,7		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
2,7 / 16,8		M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
3,1 / 19,2		M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147	
3,6 / 21,9		M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
4,4 / 26,8	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

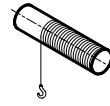
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø100	0,3 / 1,7	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368		
	0,3 / 1,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
	0,3 / 2,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	0,4 / 2,7	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 368	50,36	VR273.1K-E100LUD	14184	53			
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	15 / 96	213 / 237	30,34	VR273.1K-E100LUD	12583	53			
	1,5 / 8,9	M8 (5m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60			
	Ø110	0,3 / 1,8	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087		53	368
0,3 / 2,1		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
0,4 / 2,2		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
0,4 / 2,6		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
0,5 / 3,0		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
0,6 / 3,4		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
0,7 / 4,1		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
0,8 / 5,0		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 368	50,36	VR273.1K-E100LUD	14184	53			
1,0 / 5,9		M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
1,1 / 6,9		M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
1,3 / 8,3		M8 (5m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	12583	60			
1,6 / 9,8		M8 (5m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60			
Ø120		0,3 / 2,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368	
	0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 368	50,36	VR273.1K-E100LUD	14184	53			
	1,0 / 6,5	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
	1,2 / 7,5	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53			
	Ø130	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53		368
		0,4 / 2,5	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53		
		0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53		
0,5 / 3,1		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
0,6 / 3,5		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
0,7 / 4,1		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
0,8 / 4,9		M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
1,0 / 5,9		M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 368	50,36	VR273.1K-E100LUD	14184	53			
1,1 / 7,0		M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			
Ø140		0,4 / 2,3	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368	
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53			
	0,5 / 2,8	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53			
	0,5 / 3,3	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53			
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53			
	0,7 / 4,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53			
	0,9 / 5,3	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53			
	1,0 / 6,3	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 368	50,36	VR273.1K-E100LUD	14184	53			
	1,2 / 7,5	M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

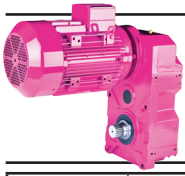
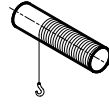
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø230	2,1 / 12,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
	2,4 / 14,7	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221		
	2,7 / 16,7	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
	3,2 / 19,7	M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221		
	3,9 / 24	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	4,4 / 27,3	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
	4,9 / 30,7	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
	5,8 / 36,3	M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305		
	6,5 / 40,8	M7 (4m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	81241	305		
	4,5 / 27,8	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	372	
	5,1 / 31,8	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	5,8 / 36,2	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
	Ø240	2,2 / 13,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
		2,5 / 15,4	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
2,8 / 17,4		M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
3,3 / 20,6		M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221		
4,1 / 25,1		M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221		
4,6 / 28,5		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
5,1 / 32,1		M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
6,1 / 37,9		M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305		
6,8 / 42,6		M7 (4m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	81241	305		
4,1 / 25,1		M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323	372	
4,7 / 29		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
5,3 / 33,2		M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
6,1 / 37,8		M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø250		2,3 / 13,9	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
	2,6 / 16	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221		
	2,9 / 18,1	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
	3,5 / 21,4	M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221		
	4,2 / 26,1	M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221		
	4,8 / 29,7	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
	5,3 / 33,4	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
	6,3 / 39,5	M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305		
	7,1 / 44,3	M6 (3m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	86154	305		
	4,2 / 26,2	M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323	372	
	4,8 / 30,2	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	5,5 / 34,6	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	6,3 / 39,4	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
	Ø260	2,3 / 14,5	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
2,7 / 16,7		M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221		
3,1 / 18,8		M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
3,6 / 22,3		M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
4,4 / 27,2		M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305		
4,9 / 30,9		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
5,6 / 34,7		M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
6,6 / 41,1		M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305		
3,8 / 23,4		M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	372	
4,4 / 27,2		M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		
5,0 / 31,5		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
5,8 / 36		M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
6,6 / 40,9		M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

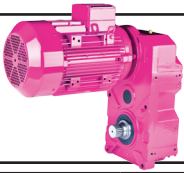
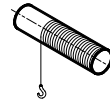
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø270	2,4 / 15	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371	
	2,8 / 17,3	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221		
	3,2 / 19,6	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221		
	3,8 / 23,1	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
	4,6 / 28,2	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305		
	5,1 / 32,1	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
	5,8 / 36,1	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
	6,8 / 42,6	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305		
	3,0 / 18,4	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	372	
	3,4 / 20,7	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
	3,9 / 24,3	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323		
	4,6 / 28,3	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		
	5,2 / 32,7	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	6,0 / 37,4	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	6,8 / 42,5	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
	Ø280	2,5 / 15,6	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	48599	221	371
		2,9 / 17,9	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	66441	221	
		3,3 / 20,3	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	70911	221	
3,9 / 24		M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	73522	221		
4,8 / 29,3		M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	75389	305		
5,3 / 33,2		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	77332	305		
6,0 / 37,4		M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	84828	305		
7,1 / 44,2		M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85161	305		
2,6 / 15,8		M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	372	
3,1 / 19,1		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
3,5 / 21,5		M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
4,1 / 25,2		M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323		
4,8 / 29,3		M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		
5,4 / 33,9		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
6,2 / 38,8		M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
7,1 / 44,1		M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø290		2,6 / 16,1	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
		3,0 / 18,6	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
	3,4 / 21	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221		
	4,0 / 24,9	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
	4,9 / 30,3	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305		
	5,5 / 34,4	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
	6,2 / 38,7	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305		
	2,3 / 13,9	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	372	
	2,6 / 16,3	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323		
	3,2 / 19,8	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	3,6 / 22,2	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
	4,2 / 26,1	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323		
	4,9 / 30,3	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		
	5,6 / 35,1	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	6,4 / 40,1	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	Ø300	2,7 / 16,7	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
		3,1 / 19,2	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
		3,5 / 21,7	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
4,2 / 25,7		M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
5,1 / 31,3		M6 (3m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	83610	305		
5,7 / 35,6		M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
6,4 / 40,1		M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

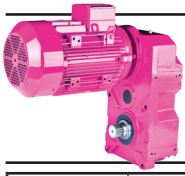
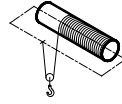
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø300	2,3 / 14,4	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	372
	2,7 / 16,9	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	3,3 / 20,5	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	3,7 / 23	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	4,4 / 27	M8 (5m)	2,6 / 16	4,7 / 29	5005 / 5028	102,10	VR673.1K-E160LUE	107742	405	
	5,1 / 31,4	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	5,8 / 36,3	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	6,6 / 41,5	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

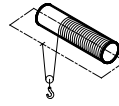
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	0,9 / 5,6	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370	
	1,0 / 6,4	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
	1,2 / 7,6	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
	1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	1,5 / 9,6	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	1,8 / 11	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	2,0 / 12,5	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	2,3 / 14,4	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
	2,7 / 16,5	M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147		
	3,1 / 18,8	M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147		
	3,7 / 22,8	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
	4,4 / 27,5	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
	4,4 / 27,7	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	371	
	Ø180	1,0 / 5,9	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
		1,1 / 6,7	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
		1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
1,6 / 10,1		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
1,9 / 11,6		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
2,1 / 13,3		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
2,5 / 15,2		M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
2,8 / 17,5		M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147		
3,2 / 19,9		M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147		
3,9 / 24,1		M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
4,7 / 29,2		M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
4,0 / 24,7		M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221	371	
4,7 / 29,3		M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190		1,0 / 6,3	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
		1,2 / 7,1	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	1,5 / 9,0	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	1,7 / 10,7	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	2,0 / 12,3	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	2,3 / 14	M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147		
	2,6 / 16,1	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
	3,0 / 18,4	M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147		
	3,4 / 21	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
	4,1 / 25,5	M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
	4,9 / 30,8	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
	3,3 / 20,5	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	371	
	3,8 / 23,2	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
	4,2 / 26,1	M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221		
	5,0 / 30,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø200	1,1 / 6,6	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
1,2 / 7,5		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
1,5 / 9,0		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
1,5 / 9,5		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
1,8 / 11,2		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
2,1 / 12,9		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
2,4 / 14,7		M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147		
2,7 / 16,9		M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
3,1 / 19,4		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
3,6 / 22,1		M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
4,4 / 26,8		M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
5,2 / 32,4		M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

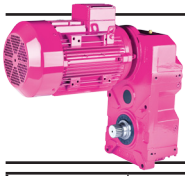
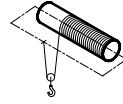
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø200	2,9 / 17,7	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	371	
	3,5 / 21,5	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	4,0 / 24,4	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
	4,5 / 27,5	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
	5,2 / 32,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø210	1,1 / 6,9	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370	
	1,3 / 7,9	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
	1,5 / 9,4	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
	1,6 / 10	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	1,9 / 11,8	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	2,2 / 13,5	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	2,5 / 15,5	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
	2,9 / 17,7	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
	3,3 / 20,4	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
	3,8 / 23,2	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
	4,6 / 28,1	M7 (4m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	47470	227		
	5,4 / 34	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227		
	2,7 / 16,4	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		371
	3,0 / 18,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	3,7 / 22,6	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
4,2 / 25,6	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221			
4,7 / 28,8	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305			
5,5 / 34,2	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			
1,2 / 7,2	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	1828 / 1834	138,35	VR473.1K-E112MUD	37881	122	370	
1,3 / 8,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	1532 / 1538	121,49	VR473.1K-E112MUD	39726	122		
1,6 / 9,9	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	1448 / 1454	101,48	VR473.1K-E112MUD	41186	122		
1,7 / 10,4	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	1222 / 1227	95,87	VR473.1K-E112MUD	42563	122		
2,0 / 12,4	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	2136 / 2079	81,00	VR473.1K-E112MUD	44717	122		
2,3 / 14,2	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	1875 / 1826	70,59	VR473.1K-E132MUE	45795	147		
2,6 / 16,2	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	1633 / 1594	61,85	VR473.1K-E132MUE	46629	147		
3,0 / 18,6	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	1425 / 1392	54,35	VR473.1K-E132MUE	47357	147		
3,5 / 21,3	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	1251 / 1223	47,37	VR473.1K-E132MUE	47992	147		
4,0 / 24,3	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	1682 / 1704	41,50	VR473.1K-E132MUE	48548	147		
4,8 / 29,5	M6 (3m)	2,6 / 16	13,9 / 85	1682 / 1704	1414 / 1413	34,28	VR473.1K-E160LUE	49401	227		
5,7 / 35,6	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227		
2,1 / 12,9	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	2098 / 2044	77,63	VR573.1K-E112MUD	70613	196		371
2,4 / 14,5	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	1778 / 1733	69,00	VR573.1K-E132MUE	73129	221		
2,8 / 17,2	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	1568 / 1533	58,36	VR573.1K-E132MUE	74441	221		
3,2 / 19,4	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	1287 / 1259	51,97	VR573.1K-E132MUE	75837	221		
3,8 / 23,7	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	1139 / 1114	42,62	VR573.1K-E132MUE	76519	221		
4,4 / 26,8	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	1647 / 1670	37,64	VR573.1K-E132MUE	77568	221		
4,9 / 30,2	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	1410 / 1411	33,46	VR573.1K-E160LUE	78842	305		
5,7 / 35,8	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
1,2 / 7,6	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	1828 / 1834	138,35	VR473.1K-E112MUD	37881	122	370	
1,4 / 8,6	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	1532 / 1538	121,49	VR473.1K-E112MUD	39726	122		
1,7 / 10,3	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	1448 / 1454	101,48	VR473.1K-E112MUD	41186	122		
1,8 / 10,9	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	1222 / 1227	95,87	VR473.1K-E112MUD	42563	122		
2,1 / 12,9	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	2136 / 2079	81,00	VR473.1K-E112MUD	47428	122		
2,4 / 14,8	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	1875 / 1826	70,59	VR473.1K-E132MUE	45795	147		
2,7 / 16,9	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	1633 / 1594	61,85	VR473.1K-E132MUE	46629	147		
3,2 / 19,4	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	1425 / 1392	54,35	VR473.1K-E132MUE	47357	147		
3,6 / 22,3	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	1251 / 1223	47,37	VR473.1K-E132MUE	47992	147		
4,1 / 25,4	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	1414 / 1413	41,50	VR473.1K-E132MUE	48548	147		
2,2 / 13,5	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	2098 / 2044	77,63	VR573.1K-E112MUD	70695	196		371
2,5 / 15,2	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	1414 / 1413	69,00	VR573.1K-E132MUE	73365	221		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

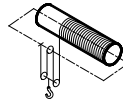
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	2,9 / 17,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221	371
	3,3 / 20,3	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	4,0 / 24,8	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	4,6 / 28,1	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
	5,1 / 31,6	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305	
	6,0 / 37,5	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
	6,0 / 37,5	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
Ø240	1,3 / 7,9	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	1,5 / 9,0	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	1,7 / 10,8	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	1,8 / 11,4	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	2,2 / 13,5	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
	2,5 / 15,5	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147	
	2,9 / 17,7	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147	
	3,3 / 20,3	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	3,8 / 23,3	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	4,3 / 26,6	M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147	
	1,7 / 10,2	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371
	2,0 / 12,4	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	2,3 / 14,1	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	2,6 / 15,8	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221	
	3,0 / 18,7	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221	
	3,4 / 21,2	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	4,2 / 25,9	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
4,8 / 29,3	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
5,3 / 32,9	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
6,3 / 39,1	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

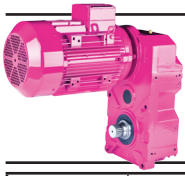
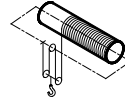
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,3 / 1,7	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 1,9	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,3 / 2,0	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,4 / 2,7	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,7 / 4,5	M8 (5m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,9 / 5,4	M8 (5m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	1,0 / 6,3	M8 (5m)	0,37 / 2,5	13 / 80	255 / 283	36,38	VR273.1K-E100LUD	13151	53	
	1,2 / 7,5	M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60	
	1,5 / 8,9	M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	14190	60	
Ø110	0,3 / 1,8	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 2,1	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,4 / 2,2	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,5 / 3,0	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,6 / 3,4	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,8 / 5,0	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53	
	1,0 / 5,9	M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	17045	53	
	1,1 / 6,9	M7 (4m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	16422	60	
	1,3 / 8,3	M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60	
	1,6 / 9,8	M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	14190	60	
	1,0 / 6,0	M8 (5m)	0,37 / 2,5	11,3 / 70	292 / 324	41,42	VR373.1K-E100LUD	13822	82	369
	1,1 / 7,1	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	1,3 / 7,8	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	1,5 / 9,1	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90	
	1,7 / 10,6	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90	
	Ø120	0,3 / 2,0	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
0,4 / 2,3		M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
0,4 / 2,4		M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
0,5 / 2,8		M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
0,5 / 3,3		M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
0,6 / 3,7		M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
0,7 / 4,5		M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53	
0,9 / 5,4		M7 (3m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53	
0,8 / 5,2		M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82	369
1,1 / 6,6		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
1,2 / 7,7		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
1,4 / 8,5		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
1,6 / 9,9	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90		
1,9 / 11,6	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90		
Ø130	0,3 / 2,1	M7 (4m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	21969	53	368
	0,4 / 2,5	M7 (4m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	21448	53	
	0,4 / 2,6	M7 (4m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	21193	53	
	0,5 / 3,1	M7 (4m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	20535	53	
	0,6 / 3,5	M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	25036	53	
	0,7 / 4,1	M6 (3m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	24269	53	
	0,8 / 4,9	M6 (3m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	23186	53	
	1,0 / 5,9	M6 (3m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	22166	53	
	0,4 / 2,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	0,4 / 2,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

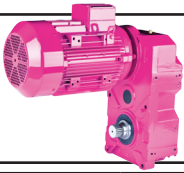
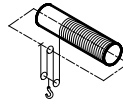
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø130	0,7 / 4,4	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	369		
	0,8 / 5,1	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82			
	0,9 / 5,7	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82			
	1,2 / 7,1	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	1,4 / 8,3	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
	1,5 / 9,2	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
	1,7 / 10,7	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
	2,0 / 12,5	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90			
Ø140	0,4 / 2,3	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	27890	53	368		
	0,4 / 2,6	M6 (3m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	27133	53			
	0,5 / 2,8	M6 (3m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	26770	53			
	0,5 / 3,3	M5 (2m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	32524	53			
	0,6 / 3,8	M5 (2m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	31438	53			
	0,7 / 4,4	M5 (2m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	30419	53			
	0,9 / 5,3	M5 (2m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	28994	53			
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82		369	
	0,5 / 3,0	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82			
	0,5 / 3,4	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
0,7 / 4,0	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82				
0,8 / 4,7	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82				
0,9 / 5,5	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82				
1,0 / 6,1	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82				
1,2 / 7,7	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90				
1,5 / 9,0	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90				
1,6 / 9,9	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90				
1,9 / 11,6	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90				
2,2 / 13,5	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90				
Ø150	0,5 / 2,8	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369		
	0,5 / 3,2	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82			
	0,6 / 3,6	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	0,7 / 4,3	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	0,8 / 5,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
	1,0 / 5,9	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82			
	1,1 / 6,5	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	1,3 / 8,2	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	1,6 / 9,6	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
	1,7 / 10,6	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
	2,0 / 12,4	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
	2,3 / 14,5	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			
	Ø160	0,5 / 3,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623		82	369
		0,6 / 3,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982		82	
0,6 / 3,9		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
0,7 / 4,6		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
0,9 / 5,4		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
1,0 / 6,3		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
1,1 / 7,0		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
1,4 / 8,8		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
1,7 / 10,3		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
1,8 / 11,3		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
2,1 / 13,2		M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
2,5 / 15,4		M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			
Ø170		0,5 / 3,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
		0,6 / 3,6	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	0,8 / 4,9	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	0,9 / 5,7	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
	1,1 / 6,7	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

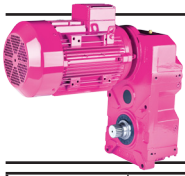
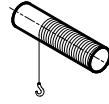
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø170	1,2 / 7,4	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	369
	1,5 / 9,3	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	1,8 / 10,9	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	2,0 / 12,1	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	
	2,3 / 14,1	M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107	
	2,7 / 16,4	M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	16289	107	
Ø180	0,5 / 3,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	0,7 / 4,3	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	0,8 / 5,2	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82	
	1,0 / 6,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82	
	1,1 / 7,1	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90	
	1,3 / 7,8	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90	
	1,6 / 9,9	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90	
	1,9 / 11,5	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90	
	2,1 / 12,8	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

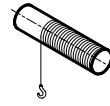
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø270	2,5 / 15,1	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371	
	2,8 / 17,3	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221		
	3,2 / 19,6	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221		
	3,7 / 23,2	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
	4,5 / 28,3	M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
	5,1 / 32,1	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
	5,8 / 36,1	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305		
	1,9 / 11,6	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,1 / 13,1	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	2,5 / 15,3	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	3,0 / 18,4	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	3,4 / 20,7	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
	3,9 / 24,4	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	4,5 / 28,4	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	5,2 / 32,7	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø280	2,6 / 15,7	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371
		2,9 / 17,9	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		3,3 / 20,3	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221	
3,9 / 24,1		M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
4,7 / 29,4		M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
5,3 / 33,2		M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
2,0 / 12,1		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
2,2 / 13,6		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
2,6 / 15,9		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
3,1 / 19,1		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
3,5 / 21,5		M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
4,0 / 25,3		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
4,7 / 29,4		M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
5,4 / 33,9		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
Ø290		2,6 / 16,3	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371
		3,0 / 18,6	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		3,4 / 21	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221	
		4,0 / 24,9	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305	
	4,9 / 30,4	M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
	5,5 / 34,4	M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
	2,0 / 12,5	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,3 / 14	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	2,7 / 16,5	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	3,2 / 19,8	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	3,6 / 22,2	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
	4,2 / 26,2	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	4,9 / 30,5	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	5,6 / 35,1	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø300	2,7 / 16,8	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		3,1 / 19,2	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		3,5 / 21,7	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305	
		4,1 / 25,8	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305	
5,0 / 31,5		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
5,7 / 35,6		M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
2,1 / 12,9		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
2,4 / 14,5		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
2,8 / 17		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
3,3 / 20,5		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		

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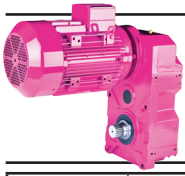
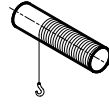
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø300	3,7 / 23	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	372	
	4,3 / 27,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	5,0 / 31,5	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	5,8 / 36,3	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
Ø310	2,8 / 17,4	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371	
	3,2 / 19,9	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221		
	3,6 / 22,5	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305		
	4,3 / 26,7	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
	5,2 / 32,5	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
	2,2 / 13,4	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,4 / 15	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	2,9 / 17,6	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	3,4 / 21,2	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	3,9 / 23,8	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
	4,5 / 28	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	5,2 / 32,6	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	Ø320	2,9 / 17,9	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	73553	221	371
		3,3 / 20,5	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	77671	221	
3,8 / 23,2		M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	80435	305		
4,4 / 27,5		M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	91413	305		
5,4 / 33,5		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	90761	305		
2,2 / 13,8		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
2,5 / 15,5		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
3,0 / 18,2		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
3,5 / 21,8		M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405		
4,0 / 24,5		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
4,6 / 28,9		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
5,4 / 33,6		M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
Ø330		3,0 / 18,5	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		3,4 / 21,1	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
	3,9 / 23,9	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305		
	4,5 / 28,4	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
	5,5 / 34,6	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
	2,3 / 14,2	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,6 / 16	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	3,0 / 18,7	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	3,7 / 22,5	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405		
	4,1 / 25,3	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
	4,8 / 29,8	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	5,5 / 34,7	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	Ø340	3,1 / 19,1	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		3,5 / 21,8	M6 (3m)	2,6 / 16	3,3 / 20	6956 / 7018	143,35	VR573.1K-E160LUE	80014	305	
4,0 / 24,6		M5 (2m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	93498	305		
4,7 / 29,2		M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
5,7 / 35,6		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
2,4 / 14,7		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
2,7 / 16,5		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
3,1 / 19,3		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
3,8 / 23,2		M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405		
4,2 / 26,1		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
4,9 / 30,7		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

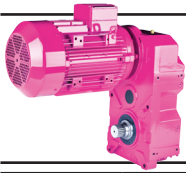
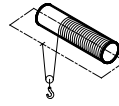
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø340	5,7 / 35,7	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	372

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

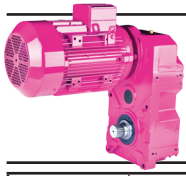
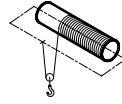
**2,5 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø170	0,9 / 5,6	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	1,0 / 6,4	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	1,2 / 7,6	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	1,5 / 9,6	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	1,8 / 11,1	M8 (5m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	43273	147	
	2,0 / 12,6	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	2,3 / 14,4	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	2,7 / 16,5	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	3,1 / 18,8	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
	3,7 / 22,9	M7 (4m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	47474	227	
	4,4 / 27,5	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	1,8 / 11,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	371
	2,2 / 13,4	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	2,4 / 15	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	3,0 / 18,3	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	3,4 / 20,7	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	
	3,7 / 23,4	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
	4,4 / 27,7	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
	Ø180	1,0 / 5,9	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122
1,1 / 6,7		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
1,3 / 8,1		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
1,4 / 8,5		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
1,6 / 10,1		M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
1,9 / 11,7		M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	45803	147	
2,2 / 13,4		M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
2,5 / 15,2		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
2,8 / 17,5		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
3,2 / 19,9		M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147	
3,9 / 24,2		M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
4,7 / 29,2		M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
1,5 / 9,3		M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371
1,7 / 10,6		M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196	
1,9 / 12		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
2,3 / 14,2		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
2,6 / 15,9		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
3,1 / 19,4		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
3,6 / 22		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
4,0 / 24,8		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
4,7 / 29,3	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190	1,0 / 6,3	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	1,2 / 7,1	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	1,5 / 9,0	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	1,7 / 10,7	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	
	2,0 / 12,4	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	45803	147	
	2,3 / 14,1	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	2,6 / 16,1	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	3,0 / 18,4	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	
	3,4 / 21	M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147	
	4,1 / 25,5	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	4,9 / 30,8	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371
	1,6 / 9,8	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	1,8 / 11,1	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	2,1 / 12,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	2,4 / 15	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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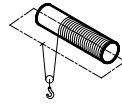
**2,5 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø190	2,7 / 16,8	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	371
	3,3 / 20,5	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221	
	3,8 / 23,2	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
	4,2 / 26,2	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
	5,0 / 30,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
Ø200	1,1 / 6,6	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
	1,2 / 7,5	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	1,5 / 9,0	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	1,5 / 9,5	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	1,8 / 11,2	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	2,1 / 13	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	45803	147	
	2,4 / 14,8	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	46633	147	
	2,7 / 16,9	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147	
	3,1 / 19,4	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	3,6 / 22,1	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	4,3 / 26,9	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	5,2 / 32,4	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227	
	1,4 / 8,5	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371
	1,7 / 10,4	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	1,9 / 11,7	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	2,2 / 13,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	2,6 / 15,7	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	2,9 / 17,7	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	3,5 / 21,5	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305	
	4,0 / 24,4	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
4,4 / 27,5	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
5,2 / 32,6	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø210	1,1 / 6,9	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	1,3 / 7,9	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	1,5 / 9,4	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	1,6 / 10	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	1,9 / 11,8	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	2,2 / 13,7	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	45803	147	
	2,5 / 15,6	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	2,9 / 17,7	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	3,3 / 20,4	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	3,8 / 23,2	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	4,5 / 28,2	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49404	227	
	5,4 / 34	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227	
	1,1 / 6,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	371
	1,2 / 7,5	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	1,4 / 8,9	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	1,8 / 10,9	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	
	2,0 / 12,3	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
2,3 / 14	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
2,7 / 16,5	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
3,0 / 18,6	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
3,7 / 22,6	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305		
4,2 / 25,6	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
4,6 / 28,9	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
5,5 / 34,2	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø220	1,2 / 7,2	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	1,3 / 8,2	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	1,6 / 9,9	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	1,7 / 10,4	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	2,0 / 12,4	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147	
	2,3 / 14,3	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

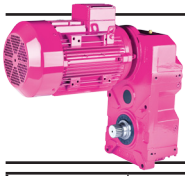
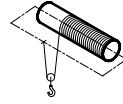
**2,5 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø220	2,7 / 16,3	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	370
	3,0 / 18,6	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	3,5 / 21,3	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	4,0 / 24,3	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	48720	227	
	4,7 / 29,6	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227	
	5,7 / 35,6	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227	
	1,0 / 6,1	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196	371
	1,1 / 7,0	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196	
	1,3 / 7,9	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196	
	1,5 / 9,3	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65714	196	
	1,8 / 11,4	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68541	221	
	2,1 / 12,9	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71056	221	
	2,4 / 14,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221	
	2,8 / 17,3	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74373	221	
	3,2 / 19,4	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75837	221	
	3,8 / 23,7	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	76886	305	
	4,4 / 26,8	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	77914	305	
	4,9 / 30,3	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78821	305	
	5,7 / 35,8	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305	
	Ø230	1,2 / 7,6	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122
1,4 / 8,6		M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
1,7 / 10,3		M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
1,8 / 10,9		M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
2,1 / 12,9		M6 (3m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	47670	147	
2,4 / 15		M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	
2,8 / 17,1		M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
3,2 / 19,4		M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
1,0 / 6,4		M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
1,2 / 7,3		M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
1,3 / 8,3		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
1,6 / 9,8		M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
1,9 / 11,9		M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
2,2 / 13,5		M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
2,5 / 15,3		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
2,9 / 18,1		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
3,3 / 20,3		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
4,0 / 24,8		M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305	
4,6 / 28,1		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
5,1 / 31,7		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	
Ø240	1,3 / 7,9	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	1,5 / 9,0	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	1,7 / 10,8	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	1,8 / 11,4	M6 (3m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	45920	147	
	2,2 / 13,5	M6 (3m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	47670	147	
	2,5 / 15,6	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	
	2,9 / 17,8	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	3,3 / 20,3	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	1,1 / 6,7	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	1,2 / 7,6	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	1,4 / 8,6	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	1,7 / 10,2	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	2,0 / 12,4	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
	2,3 / 14,1	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	2,6 / 16	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	3,1 / 18,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	3,4 / 21,2	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
	4,2 / 25,9	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

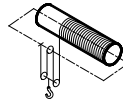
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø240	4,8 / 29,3	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	371
	5,3 / 33,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

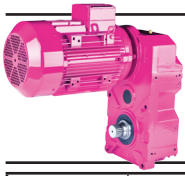
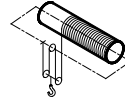
**2,5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø100	0,3 / 1,7	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368	
	0,3 / 1,9	M7 (4m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	21448	53		
	0,3 / 2,0	M7 (4m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	21193	53		
	0,4 / 2,4	M7 (4m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	20535	53		
	0,4 / 2,7	M7 (4m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	19945	53		
	0,5 / 3,1	M7 (4m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	19378	53		
	0,6 / 3,8	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	18566	53		
	0,7 / 4,5	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	17791	53		
	0,9 / 5,4	M6 (3m)	0,8 / 4,9	11 / 69	637 / 640	42,22	VR273.1K-E112MUD	21194	60		
	1,0 / 6,3	M7 (3m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	15301	60		
	1,2 / 7,5	M7 (3m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	14743	60		
	1,5 / 8,9	M6 (2m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	17754	60		
	Ø110	0,3 / 1,8	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	27890		53
0,3 / 2,1		M6 (3m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	27133	53		
0,4 / 2,2		M6 (3m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	26770	53		
0,4 / 2,6		M6 (3m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	25847	53		
0,5 / 3,0		M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	25036	53		
0,6 / 3,4		M5 (2m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	30419	53		
0,7 / 4,1		M5 (2m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	28994	53		
0,8 / 5,0		M5 (2m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	27666	53		
1,0 / 5,9		M5 (2m)	0,8 / 4,9	11 / 69	637 / 640	42,22	VR273.1K-E112MUD	25116	60		
1,1 / 6,9		M6 (3m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	19270	60		
1,3 / 8,3		M6 (3m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	18501	60		
1,6 / 9,8		M6 (3m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	17754	60		
0,3 / 2,1		M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
0,4 / 2,3		M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
0,4 / 2,7		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
0,5 / 3,2		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
0,6 / 3,7		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82		
0,7 / 4,3		M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82		
0,8 / 4,8	M8 (5m)	0,37 / 2,5	9,0 / 55	367 / 407	52,30	VR373.1K-E100LUD	14769	82			
1,0 / 6,0	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
1,1 / 7,1	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
1,3 / 7,8	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
1,5 / 9,1	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
1,7 / 10,6	M8 (5m)	0,8 / 4,9	19,9 / 123	361 / 363	23,58	VR373.1K-E112MUD	12781	90			
Ø120	0,3 / 2,0	M5 (2m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	35334	53	368	
	0,4 / 2,3	M4 (1Am)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	43082	53		
	0,4 / 2,4	M4 (1Am)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	42415	53		
	0,5 / 2,8	M4 (1Am)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	40747	53		
	0,5 / 3,3	M4 (1Am)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	39320	53		
	0,6 / 3,7	M4 (1Am)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	37991	53		
	0,7 / 4,5	M4 (1Am)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	36147	53		
	0,9 / 5,4	M4 (1Am)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	34439	53		
	0,4 / 2,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82		369
	0,4 / 2,6	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,5 / 2,9	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	0,6 / 3,4	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82		
0,8 / 4,7	M8 (5m)	0,37 / 2,5	8,1 / 50	405 / 449	57,79	VR373.1K-E100LUD	15190	82			
0,8 / 5,2	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
1,1 / 6,6	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
1,2 / 7,7	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
1,4 / 8,5	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
1,6 / 9,9	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
1,9 / 11,6	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

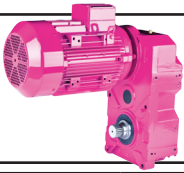
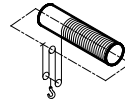
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø130	0,4 / 2,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369		
	0,4 / 2,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82			
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	0,7 / 4,4	M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
	0,8 / 5,1	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
	0,9 / 5,7	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	1,2 / 7,1	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	1,4 / 8,3	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
	1,5 / 9,2	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
	1,7 / 10,7	M8 (5m)	0,8 / 4,9	17,1 / 105	420 / 423	27,53	VR373.1K-E112MUD	12097	90			
	2,0 / 12,5	M8 (5m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	13549	107			
	Ø140	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623		82	369
		0,5 / 3,0	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982		82	
0,5 / 3,4		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
0,7 / 4,0		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
0,8 / 4,7		M8 (5m)	0,37 / 2,5	7,0 / 43	472 / 523	67,45	VR373.1K-E100LUD	15861	82			
0,9 / 5,5		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
1,0 / 6,1		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
1,2 / 7,7		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
1,5 / 9,0		M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
1,6 / 9,9		M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
1,9 / 11,6		M8 (5m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	11677	107			
2,2 / 13,5		M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	16289	107			
Ø150		0,5 / 2,8	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
		0,5 / 3,2	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,6 / 3,6	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	0,7 / 4,3	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	0,8 / 5,1	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90			
	1,0 / 5,9	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
	1,1 / 6,5	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	1,3 / 8,2	M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
	1,6 / 9,6	M8 (5m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	12967	90			
	1,7 / 10,6	M8 (5m)	0,8 / 4,9	14,6 / 90	490 / 494	32,11	VR373.1K-E112MUD	12619	90			
	2,0 / 12,4	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107			
	2,3 / 14,5	M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	16289	107			
	Ø160	0,5 / 3,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82		369
		0,6 / 3,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
0,6 / 3,9		M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
0,7 / 4,6		M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
0,9 / 5,4		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90			
1,0 / 6,3		M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
1,1 / 7,0		M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
1,4 / 8,8		M8 (5m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	13517	90			
1,7 / 10,3		M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	16053	90			
1,8 / 11,3		M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	15133	107			
2,1 / 13,2		M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107			
2,5 / 15,4		M7 (4m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	16289	107			
Ø170		0,5 / 3,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
		0,6 / 3,6	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,7 / 4,1	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82			
	0,8 / 4,9	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82			
	0,9 / 5,7	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90			
	1,1 / 6,7	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90			
	1,2 / 7,4	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90			
	1,5 / 9,3	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90			
	1,8 / 10,9	M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107			
	2,0 / 12,1	M7 (4m)	1,6 / 9,5	14,6 / 90	980 / 957	32,11	VR373.1K-E132MUE	15133	107			
	2,3 / 14,1	M7 (4m)	1,6 / 9,5	17,1 / 105	840 / 820	27,53	VR373.1K-E132MUE	14552	107			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

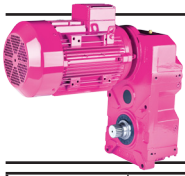
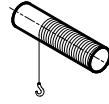
**2,5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø170	2,7 / 16,4	M6 (3m)	1,6 / 9,5	19,9 / 123	722 / 704	23,58	VR373.1K-E132MUE	19605	107	369
Ø180	0,5 / 3,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	0,6 / 3,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
	0,7 / 4,3	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
	0,8 / 5,2	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90	
	1,0 / 6,1	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90	
	1,1 / 7,1	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90	
	1,3 / 7,8	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90	
	1,6 / 9,9	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

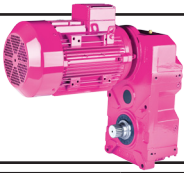
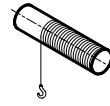
**3,2 t****1 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø270	2,5 / 15,1	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371	
	2,8 / 17,4	M6 (3m)	2,6 / 16	3,3 / 20	7030 / 6995	143,35	VR573.1K-E160LUE	79943	305		
	3,1 / 19,6	M5 (2m)	2,6 / 16	3,7 / 23	6230 / 6201	126,81	VR573.1K-E160LUE	93430	305		
	3,7 / 23,2	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
	1,9 / 11,6	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,1 / 13,1	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	2,5 / 15,3	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	3,0 / 18,5	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	3,3 / 20,8	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	3,9 / 24,4	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	Ø280	2,6 / 15,7	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		2,9 / 18	M5 (2m)	2,6 / 16	3,3 / 20	7030 / 6995	143,35	VR573.1K-E160LUE	93254	305	
		3,3 / 20,3	M5 (2m)	2,6 / 16	3,7 / 23	6230 / 6201	126,81	VR573.1K-E160LUE	93430	305	
		3,9 / 24,1	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305	
2,0 / 12,1		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
2,2 / 13,6		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
2,6 / 15,9		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
3,1 / 19,2		M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
3,4 / 21,5		M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
4,0 / 25,3		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
Ø290		2,0 / 12,5	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
		2,3 / 14	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
		2,7 / 16,5	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
		3,2 / 19,9	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	3,6 / 22,3	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	4,2 / 26,2	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
Ø300	2,1 / 12,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,4 / 14,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	2,8 / 17	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	3,3 / 20,6	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	3,7 / 23,1	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	4,3 / 27,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
Ø320	2,2 / 13,8	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,5 / 15,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	3,0 / 18,2	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	3,5 / 21,9	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	3,9 / 24,6	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
Ø340	2,4 / 14,7	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,7 / 16,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	3,1 / 19,3	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	3,7 / 23,3	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	4,2 / 26,1	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
Ø360	2,5 / 15,5	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	2,8 / 17,4	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405		
	3,3 / 20,5	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	3,9 / 24,7	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	4,4 / 27,7	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
Ø380	2,7 / 16,4	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	3,0 / 18,4	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

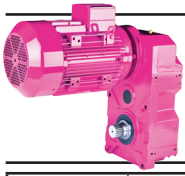
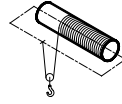
**3,2 t****1 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø380	3,5 / 21,6	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	372
	4,2 / 26	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

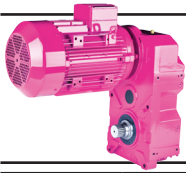
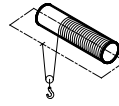
**3,2 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	0,9 / 5,6	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370	
	1,0 / 6,4	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	45238	122		
	1,2 / 7,6	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122		
	1,3 / 8,1	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	46400	122		
	1,6 / 9,6	M7 (4m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47006	147		
	1,8 / 11,1	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	2,0 / 12,6	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	48265	147		
	2,3 / 14,4	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	2,7 / 16,5	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	48565	147		
	3,0 / 18,9	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48313	227		
	3,7 / 22,9	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	48808	227		
	4,4 / 27,5	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	50316	227		
	0,8 / 4,7	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	0,9 / 5,4	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	1,0 / 6,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	1,2 / 7,2	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	1,4 / 8,9	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	1,6 / 10,1	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	1,8 / 11,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	2,2 / 13,4	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
2,4 / 15	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221			
2,9 / 18,4	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
3,3 / 20,8	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
3,7 / 23,4	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
4,4 / 27,7	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			
Ø180	1,0 / 5,9	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370	
	1,1 / 6,7	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122		
	1,3 / 8,1	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122		
	1,4 / 8,5	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		
	1,7 / 10,2	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47006	147		
	1,9 / 11,7	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	2,2 / 13,4	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	48265	147		
	2,5 / 15,2	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	2,8 / 17,5	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	48565	227		
	3,2 / 20	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48313	227		
	3,9 / 24,2	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	50759	227		
	0,8 / 5,0	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	0,9 / 5,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	1,0 / 6,5	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	1,2 / 7,6	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	1,5 / 9,4	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	1,7 / 10,6	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	1,9 / 12	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	2,3 / 14,2	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	2,6 / 15,9	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
3,1 / 19,5	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
3,5 / 22	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
4,0 / 24,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
Ø190	1,0 / 6,3	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370	
	1,2 / 7,1	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122		
	1,4 / 8,5	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122		
	1,5 / 9,0	M6 (3m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	46400	147		
	1,7 / 10,8	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47006	147		
	2,0 / 12,4	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	2,3 / 14,1	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	47395	147		
	2,6 / 16,1	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	3,0 / 18,4	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	47728	227		
	3,4 / 21,1	M5 (2m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	50379	227		
	4,1 / 25,5	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49854	227		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

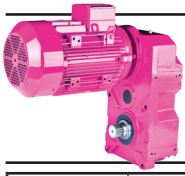
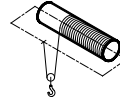
**3,2 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	0,9 / 5,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
	1,0 / 6,0	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	1,1 / 6,8	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	1,3 / 8,1	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	1,6 / 9,9	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	1,8 / 11,2	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	2,1 / 12,6	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	2,4 / 15	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	2,7 / 16,8	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305		
	3,3 / 20,5	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
	3,7 / 23,3	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
	4,2 / 26,2	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
	Ø200	0,9 / 5,6	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
		1,0 / 6,4	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
1,2 / 7,2		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
1,4 / 8,5		M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
1,7 / 10,4		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
1,9 / 11,8		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
2,2 / 13,3		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
2,6 / 15,7		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
2,9 / 17,7		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305		
3,5 / 21,6		M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
3,9 / 24,5		M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
4,4 / 27,5		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
Ø210		0,9 / 5,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
		1,1 / 6,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	1,2 / 7,5	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	1,4 / 8,9	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221		
	1,8 / 11	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	2,0 / 12,4	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	2,3 / 14	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	2,7 / 16,5	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	3,0 / 18,6	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305		
	3,6 / 22,7	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
	4,1 / 25,7	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
	Ø220	1,0 / 6,1	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196	371
		1,1 / 7,0	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196	
		1,3 / 7,9	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196	
1,5 / 9,3		M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66129	221		
1,9 / 11,5		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68456	221		
2,1 / 13		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	70977	221		
2,4 / 14,6		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221		
2,8 / 17,3		M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	74761	305		
3,2 / 19,4		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76227	305		
3,8 / 23,8		M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	76862	305		
4,3 / 26,9		M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	81960	305		
Ø230		1,0 / 6,4	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
		1,2 / 7,3	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
		1,3 / 8,3	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	1,6 / 9,8	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221		
	2,0 / 12	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221		
	2,2 / 13,6	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221		
	2,5 / 15,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	2,9 / 18,1	M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305		
	3,3 / 20,3	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305		
	4,0 / 24,9	M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305		
	4,5 / 28,2	M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	82136	305		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

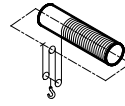
**3,2 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmoment	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø240	1,1 / 6,7	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	1,2 / 7,6	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	1,4 / 8,6	M8 (5m)	1,6 / 9,5	3,7 / 23	3834 / 3726	126,81	VR573.1K-E132MUE	63417	221	
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221	
	2,0 / 12,5	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
	2,3 / 14,2	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221	
	2,6 / 16	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	3,1 / 18,9	M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305	
	3,4 / 21,2	M7 (4m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	81271	305	
	4,2 / 25,9	M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankkomponenten sondern nur für Getriebe.

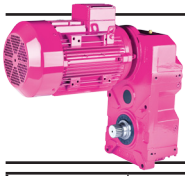
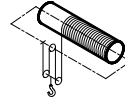
**3,2 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø130	0,4 / 2,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	0,4 / 2,8	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,5 / 3,1	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	0,6 / 3,7	M8 (5m)	0,37 / 2,5	5,9 / 37	554 / 614	79,34	VR373.1K-E100LUD	16590	82		
	0,7 / 4,4	M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90		
	0,8 / 5,1	M8 (5m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	14749	90		
	0,9 / 5,7	M8 (5m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	14375	90		
	1,2 / 7,1	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90		
	1,4 / 8,3	M7 (4m)	0,8 / 4,9	13,2 / 82	541 / 545	35,49	VR373.1K-E112MUD	16053	90		
	1,5 / 9,3	M7 (4m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	15101	107		
	1,8 / 10,8	M7 (4m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	14519	107		
	2,1 / 12,7	M7 (4m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	16238	107		
	1,0 / 6,2	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122	370	
	1,2 / 7,1	M8 (5m)	0,8 / 4,9	11,3 / 70	632 / 636	41,50	VR473.1K-E112MUD	43676	122		
	1,4 / 8,7	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
	1,7 / 10,5	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
	Ø140	0,4 / 2,6	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
		0,5 / 3,0	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
		0,5 / 3,4	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	
0,7 / 4,0		M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90		
0,8 / 4,7		M8 (5m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	15336	90		
0,9 / 5,5		M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		
1,0 / 6,1		M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90		
1,2 / 7,7		M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90		
1,5 / 9,0		M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107		
1,6 / 10		M7 (4m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	15101	107		
1,9 / 11,7		M7 (4m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	14519	107		
2,2 / 13,6		M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107		
0,8 / 5,2		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	370	
1,0 / 5,9		M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
1,1 / 6,7		M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
1,2 / 7,7		M8 (5m)	0,8 / 4,9	11,3 / 70	632 / 636	41,50	VR473.1K-E112MUD	43676	122		
1,5 / 9,4		M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
1,8 / 11,3		M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø150		0,5 / 2,8	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
	0,5 / 3,2	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		
	0,6 / 3,6	M8 (5m)	0,37 / 2,5	5,0 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82		
	0,7 / 4,3	M8 (5m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	15957	90		
	0,8 / 5,1	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
	1,0 / 5,9	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		
	1,1 / 6,5	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90		
	1,3 / 8,2	M7 (4m)	0,8 / 4,9	11,3 / 70	630 / 634	41,42	VR373.1K-E112MUD	16752	90		
	1,6 / 9,6	M7 (4m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	15516	107		
	1,7 / 10,7	M6 (3m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	18738	107		
	2,0 / 12,5	M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107		
	2,4 / 14,6	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107		
	0,8 / 4,8	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	370	
	0,9 / 5,5	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	1,0 / 6,3	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
	1,2 / 7,2	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
	1,3 / 8,2	M8 (5m)	0,8 / 4,9	11,3 / 70	632 / 636	41,50	VR473.1K-E112MUD	43676	122		
	1,6 / 10	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
	2,0 / 12,1	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø160	0,5 / 3,0	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	0,6 / 3,4	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

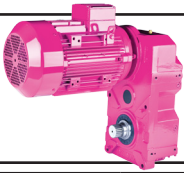
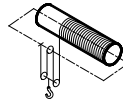
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø160	0,6 / 3,9	M8 (5m)	0,37 / 2,5	5 / 31	657 / 728	94,32	VR373.1K-E100LUD	17394	82	369	
	0,7 / 4,6	M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90		
	0,9 / 5,4	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
	1,0 / 6,3	M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		
	1,1 / 7,0	M7 (4m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	17850	90		
	1,4 / 8,8	M7 (4m)	1,6 / 9,5	11,3 / 70	1261 / 1230	41,42	VR373.1K-E132MUE	16111	107		
	1,7 / 10,3	M6 (3m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	19277	107		
	1,9 / 11,4	M6 (3m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	18738	107		
	2,2 / 13,3	M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107		
	2,5 / 15,6	M6 (3m)	1,6 / 9,5	20,1 / 124	714 / 698	23,58	VR373.1K-E132MUE	19545	107		
	0,7 / 4,5	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	370	
	0,8 / 5,2	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	1,0 / 5,9	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	1,1 / 6,7	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
	1,2 / 7,7	M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
	1,4 / 8,8	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147		
	1,7 / 10,7	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
	2,1 / 12,9	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
	Ø170	0,5 / 3,2	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369
		0,6 / 3,6	M8 (5m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	17982	82	
0,7 / 4,1		M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	20798	90		
0,8 / 4,9		M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90		
0,9 / 5,7		M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
1,1 / 6,7		M7 (4m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	18333	90		
1,2 / 7,4		M6 (3m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	22058	90		
1,5 / 9,3		M6 (3m)	1,6 / 9,5	11,3 / 70	1261 / 1230	41,42	VR373.1K-E132MUE	20059	107		
1,8 / 10,9		M6 (3m)	1,6 / 9,5	13,2 / 82	1082 / 1056	35,49	VR373.1K-E132MUE	19277	107		
2,0 / 12,2		M6 (3m)	1,6 / 9,5	14,8 / 91	970 / 949	32,11	VR373.1K-E132MUE	18738	107		
2,3 / 14,2		M6 (3m)	1,6 / 9,5	17,3 / 106	831 / 813	27,53	VR373.1K-E132MUE	17988	107		
0,7 / 4,0		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	370	
0,8 / 4,8		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
0,9 / 5,5		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
1,0 / 6,3		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
1,2 / 7,1		M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
1,3 / 8,2		M8 (5m)	0,8 / 4,9	9,9 / 61	720 / 724	47,37	VR473.1K-E112MUD	45366	122		
1,5 / 9,3		M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147		
1,8 / 11,4		M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
2,2 / 13,7		M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		
Ø180	0,5 / 3,4	M8 (5m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	18623	82	369	
	0,6 / 3,8	M7 (4m)	0,37 / 2,5	4,4 / 27	742 / 821	106,69	VR373.1K-E100LUD	22280	82		
	0,7 / 4,3	M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	20798	90		
	0,8 / 5,2	M7 (4m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	19913	90		
	1,0 / 6,1	M7 (4m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	19096	90		
	1,1 / 7,1	M6 (3m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	22671	90		
	1,3 / 7,8	M6 (3m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	22058	90		
	0,5 / 3,4	M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	370	
	0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
	0,7 / 4,3	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	0,8 / 5,1	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	0,9 / 5,8	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	1,1 / 6,6	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	1,2 / 7,5	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122		
	1,4 / 8,7	M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147		
	1,6 / 9,9	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147		
	2,0 / 12,1	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147		
	2,4 / 14,5	M8 (5m)	1,6 / 9,5	16,7 / 103	861 / 842	28,45	VR473.1K-E132MUE	38493	147		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

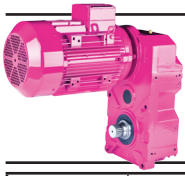
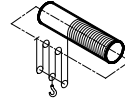
**3,2 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø190	0,6 / 3,6	M7 (4m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	23097	82	369
	0,7 / 4,1	M7 (4m)	0,8 / 4,9	4,4 / 27	1604 / 1610	106,69	VR373.1K-E112MUD	21434	90	
	0,7 / 4,6	M7 (4m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	20798	90	
	0,9 / 5,5	M6 (3m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	24695	90	
	1,0 / 6,4	M6 (3m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	23644	90	
	1,2 / 7,5	M6 (3m)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	22671	90	
	1,3 / 8,3	M6 (3m)	0,8 / 4,9	9,0 / 55	794 / 798	52,30	VR373.1K-E112MUD	22058	90	
	0,6 / 3,6	M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	370
	0,7 / 4,3	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
	0,7 / 4,5	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	0,9 / 5,3	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
	1,0 / 6,1	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
	1,1 / 7,0	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
	1,3 / 8,0	M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
	1,5 / 9,1	M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147	
	1,7 / 10,4	M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
	2,1 / 12,7	M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	
	Ø200	0,6 / 3,7	M6 (3m)	0,37 / 2,5	3,9 / 24	844 / 934	121,67	VR373.1K-E100LUD	28515	82
0,7 / 4,3		M5 (2m)	0,8 / 4,9	4,4 / 27	1604 / 1610	106,69	VR373.1K-E112MUD	33249	90	
0,8 / 4,8		M5 (2m)	0,8 / 4,9	5,0 / 31	1421 / 1426	94,32	VR373.1K-E112MUD	32170	90	
0,9 / 5,7		M5 (2m)	0,8 / 4,9	5,9 / 37	1198 / 1203	79,34	VR373.1K-E112MUD	30693	90	
1,1 / 6,8		M5 (2m)	0,8 / 4,9	7,0 / 43	1021 / 1026	67,45	VR373.1K-E112MUD	29352	90	
1,3 / 7,9		M4 (1Am)	0,8 / 4,9	8,1 / 50	876 / 881	57,79	VR373.1K-E112MUD	34816	90	
0,5 / 3,3		M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
0,6 / 3,7		M8 (5m)	0,37 / 2,5	3,9 / 24	845 / 936	121,49	VR473.1K-E100LUD	41738	115	
0,7 / 4,5		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
0,8 / 4,7		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
0,9 / 5,6		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122	
1,0 / 6,4		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122	
1,2 / 7,4		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122	
1,4 / 8,4		M8 (5m)	0,8 / 4,9	8,6 / 53	825 / 829	54,35	VR473.1K-E112MUD	46853	122	
1,6 / 9,6		M8 (5m)	1,6 / 9,5	9,9 / 61	1440 / 1404	47,37	VR473.1K-E132MUE	44121	147	
1,8 / 11		M8 (5m)	1,6 / 9,5	11,3 / 70	1264 / 1233	41,50	VR473.1K-E132MUE	42669	147	
2,2 / 13,4		M8 (5m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	40489	147	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

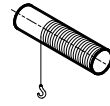
**3,2 t****6 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø100	0,2 / 1,1	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,2 / 1,3	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,2 / 1,3	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,3 / 1,6	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,3 / 1,8	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,3 / 2,1	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,4 / 2,5	M8 (5m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,5 / 3,0	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,6 / 3,6	M7 (4m)	0,37 / 2,5	11 / 69	295 / 327	42,22	VR273.1K-E100LUD	13624	53	
	0,7 / 4,2	M7 (4m)	0,8 / 4,9	13 / 80	551 / 554	36,38	VR273.1K-E112MUD	13151	60	
	0,8 / 5,0	M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	12583	60	
1,0 / 6,0	M7 (4m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60		
Ø110	0,2 / 1,2	M8 (5m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,2 / 1,4	M8 (5m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,2 / 1,5	M8 (5m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,3 / 1,7	M8 (5m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,3 / 2,0	M8 (5m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,4 / 2,3	M8 (5m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,4 / 2,8	M7 (4m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
	0,5 / 3,3	M7 (4m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
	0,6 / 4,0	M7 (4m)	0,8 / 4,9	11 / 69	295 / 327	42,22	VR273.1K-E112MUD	13624	60	
	0,7 / 4,6	M7 (4m)	0,8 / 4,9	13 / 80	637 / 640	36,38	VR273.1K-E112MUD	13151	60	
	0,9 / 5,5	M7 (4m)	0,8 / 4,9	15 / 96	461 / 464	30,34	VR273.1K-E112MUD	12583	60	
	1,1 / 6,6	M6 (3m)	0,8 / 4,9	18 / 114	387 / 389	25,44	VR273.1K-E112MUD	12039	60	
	Ø120	0,2 / 1,3	M7 (4m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	
0,2 / 1,5		M7 (4m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
0,3 / 1,6		M7 (4m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
0,3 / 1,9		M6 (3m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
0,4 / 2,2		M6 (3m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
0,4 / 2,5		M6 (3m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
0,5 / 3,0		M6 (3m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
0,6 / 3,6		M6 (3m)	0,37 / 2,5	9,3 / 58	351 / 388	50,36	VR273.1K-E100LUD	14184	53	
Ø130		0,2 / 1,4	M6 (3m)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53
	0,3 / 1,6	M5 (2m)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,3 / 1,7	M5 (2m)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,3 / 2,1	M5 (2m)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,4 / 2,4	M5 (2m)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,4 / 2,7	M5 (2m)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,5 / 3,3	M5 (2m)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	
Ø140	0,2 / 1,5	M4 (1Am)	0,37 / 2,5	3,4 / 21	941 / 1036	137,94	VR273.1K-E100LUD	17087	53	368
	0,3 / 1,8	M4 (1Am)	0,37 / 2,5	3,9 / 24	825 / 909	120,49	VR273.1K-E100LUD	16761	53	
	0,3 / 1,9	M4 (1Am)	0,37 / 2,5	4,2 / 26	775 / 855	113,02	VR273.1K-E100LUD	16595	53	
	0,4 / 2,2	M4 (1Am)	0,37 / 2,5	4,9 / 30	661 / 729	96,09	VR273.1K-E100LUD	16156	53	
	0,4 / 2,5	M4 (1Am)	0,37 / 2,5	5,6 / 35	576 / 636	83,46	VR273.1K-E100LUD	15747	53	
	0,5 / 2,9	M4 (1Am)	0,37 / 2,5	6,4 / 40	505 / 559	73,03	VR273.1K-E100LUD	15345	53	
	0,6 / 3,5	M4 (1Am)	0,37 / 2,5	7,8 / 48	419 / 464	60,39	VR273.1K-E100LUD	14757	53	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

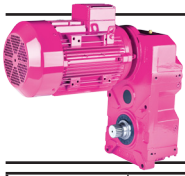
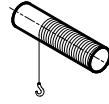
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø280	2,0 / 12,1	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	2,2 / 13,6	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	2,6 / 16	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	3,1 / 19,2	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	3,4 / 21,5	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
1,8 / 11	M8 (5m)	1,6 / 9,5	2,0 / 13	6987 / 6809	233,77	VR773.1K-E132MUE	103429	433	373	
Ø300	2,1 / 12,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	2,3 / 14,6	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	2,7 / 17,1	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	3,3 / 20,6	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,9 / 11,8	M8 (5m)	1,6 / 9,5	2,0 / 13	6987 / 6809	233,77	VR773.1K-E132MUE	103429	433	373
Ø320	2,2 / 13,8	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	80308	405	372
	2,5 / 15,6	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	2,9 / 18,2	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	3,5 / 21,9	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	2,0 / 12,6	M8 (5m)	1,6 / 9,5	2,0 / 13	6987 / 6809	233,77	VR773.1K-E132MUE	103429	433	373
Ø340	2,4 / 14,7	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	80308	405	372
	2,6 / 16,5	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	3,1 / 19,4	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	2,2 / 13,4	M8 (5m)	1,6 / 9,5	2,0 / 13	6987 / 6809	233,77	VR773.1K-E132MUE	103429	433	373
	Ø360	2,5 / 15,5	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	80308	405
2,8 / 17,5		M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
3,3 / 20,5		M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
2,3 / 14,1		M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
2,7 / 16,5		M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	
3,2 / 19,9	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515		
3,6 / 22,3	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	131766	515		
Ø380	2,7 / 16,4	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	3,0 / 18,5	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	3,5 / 21,7	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
	2,4 / 14,9	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	2,8 / 17,4	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	
3,4 / 21	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515		
Ø400	2,8 / 17,2	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	3,1 / 19,4	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	2,6 / 15,7	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	3,0 / 18,4	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	
	3,5 / 22,1	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

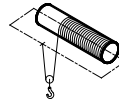
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø420	2,9 / 18,1	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372	
	3,3 / 20,4	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405		
	2,7 / 16,5	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373	
	3,1 / 19,3	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

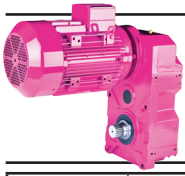
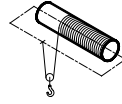
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø230	1,0 / 6,4	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	1,2 / 7,4	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
	1,4 / 8,3	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221	
	1,6 / 9,9	M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221	
	2,0 / 12	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
	2,2 / 13,7	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
	2,5 / 15,4	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305	
	2,9 / 18,2	M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305	
	3,3 / 20,4	M7 (4m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	81241	305	
	2,0 / 12	M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323	372
	2,2 / 13,9	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	2,5 / 15,9	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
	2,9 / 18,1	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405	
	Ø240	1,1 / 6,7	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196
1,2 / 7,7		M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
1,4 / 8,7		M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221	
1,7 / 10,3		M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221	
2,0 / 12,5		M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221	
2,3 / 14,2		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
2,6 / 16		M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305	
3,0 / 18,9		M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305	
3,4 / 21,3		M7 (4m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	81241	305	
1,8 / 10,8		M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	372
2,0 / 12,6		M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323	
2,3 / 14,5		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
2,7 / 16,6		M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
3,0 / 18,9		M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405	
Ø250	1,1 / 7,0	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
	1,5 / 9,1	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221	
	1,7 / 10,7	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	2,1 / 13,1	M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221	
	2,4 / 14,8	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
	2,7 / 16,7	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305	
	3,2 / 19,7	M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305	
	3,5 / 22,2	M6 (3m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	86154	305	
	1,6 / 9,6	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	372
	1,8 / 11,2	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	2,1 / 13,1	M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323	
	2,4 / 15,1	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	2,8 / 17,3	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
3,2 / 19,7	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø260	1,2 / 7,2	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
	1,4 / 8,3	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
	1,5 / 9,4	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221	
	1,8 / 11,1	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	2,2 / 13,6	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305	
	2,5 / 15,4	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
	2,8 / 17,4	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305	
	3,3 / 20,5	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305	
	1,6 / 10	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	372
	1,9 / 11,7	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	2,2 / 13,6	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

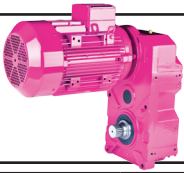
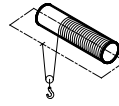
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø260	2,5 / 15,7	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	372
	2,9 / 18	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
	3,3 / 20,5	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405	
Ø270	1,2 / 7,5	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
	1,4 / 8,6	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
	1,6 / 9,8	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
	1,9 / 11,6	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	2,3 / 14,1	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305	
	2,6 / 16	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
	2,9 / 18	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	3,4 / 21,3	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305	
	1,5 / 9,2	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	372
	1,7 / 10,3	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	2,0 / 12,1	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	2,3 / 14,1	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	2,6 / 16,3	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	3,0 / 18,7	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
	3,4 / 21,3	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405	
Ø280	1,3 / 7,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	48599	221	371
	1,5 / 9,0	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	66441	221	
	1,6 / 10,1	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	70911	221	
	1,9 / 12	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	73522	221	
	2,4 / 14,6	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	75389	305	
	2,7 / 16,6	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	77332	305	
	3,0 / 18,7	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	84828	305	
	3,5 / 22,1	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85161	305	
	1,3 / 7,9	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	372
	1,6 / 9,6	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	1,7 / 10,7	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	2,0 / 12,6	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	2,4 / 14,7	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	2,7 / 16,9	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	3,1 / 19,4	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
3,5 / 22	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø290	1,3 / 8,1	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
	1,5 / 9,3	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
	1,7 / 10,5	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
	2,0 / 12,4	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	2,5 / 15,2	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305	
	2,8 / 17,2	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305	
	3,1 / 19,4	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	1,1 / 7,0	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	372
	1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	1,6 / 9,9	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	1,8 / 11,1	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	2,1 / 13	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	2,5 / 15,2	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	2,8 / 17,5	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	3,2 / 20,1	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
Ø300	1,4 / 8,3	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
	1,6 / 9,6	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
	1,8 / 10,9	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
	2,1 / 12,9	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

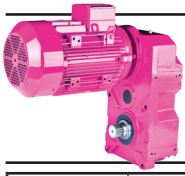
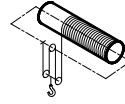
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	2,5 / 15,7	M6 (3m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	83610	305	371
	2,9 / 17,8	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305	
	3,2 / 20	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	1,0 / 6,4	M8 (5m)	0,8 / 4,9	2,2 / 14	3227 / 3218	213,15	VR673.1K-E112MUD	77311	298	372
	1,2 / 7,2	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	
	1,4 / 8,4	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	1,9 / 11,5	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	2,2 / 13,5	M8 (5m)	2,6 / 16	4,7 / 29	5005 / 5028	102,10	VR673.1K-E160LUE	107742	405	
	2,5 / 15,7	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	2,9 / 18,1	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	3,3 / 20,8	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

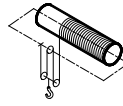
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	0,5 / 2,8	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370	
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
	0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	0,8 / 4,8	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	0,9 / 5,5	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	1,0 / 6,3	M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
	1,2 / 7,2	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
	1,3 / 8,2	M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147		
	1,5 / 9,4	M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147		
	1,8 / 11,4	M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
	2,2 / 13,8	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
	1,7 / 10,4	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	371	
	1,9 / 11,7	M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221		
	2,2 / 13,8	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø180	0,5 / 3,0	M8 (5m)	0,37 / 2,5	3,4 / 21	960 / 1062	138,35	VR473.1K-E100LUD	40184	115	370
		0,5 / 3,4	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
		0,7 / 4,3	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
0,8 / 5,1		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
0,9 / 5,8		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
1,1 / 6,6		M8 (5m)	0,8 / 4,9	7,6 / 47	937 / 942	61,85	VR473.1K-E112MUD	46230	122		
1,2 / 7,6		M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
1,4 / 8,7		M8 (5m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	44027	147		
1,6 / 10		M8 (5m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	42575	147		
2,0 / 12,1		M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
2,3 / 14,6		M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
1,8 / 11		M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221	371	
2,0 / 12,4		M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221		
2,3 / 14,7		M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190		0,5 / 3,1	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
		0,6 / 3,6	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		0,7 / 4,3	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
		0,7 / 4,5	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
	0,9 / 5,3	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
	1,0 / 6,1	M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
	1,1 / 7,0	M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147		
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	45131	147		
	1,5 / 9,2	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
	1,7 / 10,5	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
	2,1 / 12,7	M7 (4m)	1,6 / 9,5	13,9 / 85	1035 / 1012	34,28	VR473.1K-E132MUE	49008	147		
	2,5 / 15,4	M7 (4m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	46483	227		
	1,4 / 8,4	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	371	
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	1,9 / 11,6	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
	2,1 / 13	M8 (5m)	1,6 / 9,5	14,2 / 87	1013 / 992	33,46	VR573.1K-E132MUE	78568	221		
	2,5 / 15,5	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø200	0,5 / 3,3	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
		0,6 / 3,7	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
0,7 / 4,5		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
0,8 / 4,7		M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
0,9 / 5,6		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
1,0 / 6,4		M8 (5m)	0,8 / 4,9	6,7 / 41	1068 / 1073	70,59	VR473.1K-E112MUD	45522	122		
1,2 / 7,4		M8 (5m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	44259	147		
1,4 / 8,4		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

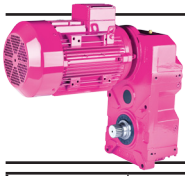
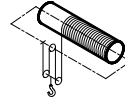
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø200	1,6 / 9,7	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147	370	
	1,8 / 11,1	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
	2,2 / 13,4	M7 (4m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	47470	227		
	2,6 / 16,2	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227		
	1,3 / 7,8	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221	371	
	1,4 / 8,8	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	1,7 / 10,8	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	2,0 / 12,2	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
	2,2 / 13,7	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
	2,6 / 16,3	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø210	0,6 / 3,5	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
		0,6 / 3,9	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		0,8 / 4,7	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122	
		0,8 / 5,0	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122	
1,0 / 5,9		M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	44717	122		
1,1 / 6,8		M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147		
1,3 / 7,7		M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
1,4 / 8,9		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
1,7 / 10,2		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
1,9 / 11,6		M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
2,3 / 14,1		M7 (4m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	47470	227		
2,7 / 17		M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227		
1,0 / 6,2		M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196	371	
1,1 / 6,9		M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221		
1,3 / 8,2		M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		
1,5 / 9,3		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
1,8 / 11,3		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
2,1 / 12,8		M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
2,3 / 14,4		M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
2,7 / 17,1		M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø220		0,6 / 3,6	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
		0,7 / 4,1	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
	0,8 / 4,9	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
	0,8 / 5,2	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	42563	122		
	1,0 / 6,2	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122		
	1,1 / 7,1	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147		
	1,3 / 8,1	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
	1,5 / 9,3	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
	1,7 / 10,7	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
	2,0 / 12,2	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48548	147		
	2,4 / 14,7	M6 (3m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	49401	227		
	2,9 / 17,8	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	49947	227		
	0,9 / 5,7	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68098	196	371	
	1,0 / 6,5	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70613	196		
	1,2 / 7,3	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73129	221		
	1,4 / 8,6	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74441	221		
	1,6 / 9,7	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75837	221		
	1,9 / 11,9	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76519	221		
	2,2 / 13,4	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	77914	305		
	2,5 / 15,1	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78842	305		
	2,9 / 17,9	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø230	0,6 / 3,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
0,7 / 4,3		M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122		
0,8 / 5,2		M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	41186	122		
0,9 / 5,5		M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

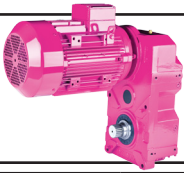
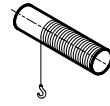
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø230	1,0 / 6,5	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47428	122	370	
	1,2 / 7,4	M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147		
	1,4 / 8,5	M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
	1,6 / 9,7	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
	1,8 / 11,1	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47992	147		
	2,1 / 12,7	M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147		
	2,5 / 15,4	M6 (3m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	49401	227		
	0,8 / 4,9	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371	
	1,0 / 6,0	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196		
	1,1 / 6,7	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
	1,2 / 7,6	M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221		
	1,5 / 9,0	M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	2,0 / 12,4	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	2,3 / 14	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
	2,6 / 15,8	M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
	3,0 / 18,7	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø240	0,6 / 3,9	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	37881	122	370
		0,7 / 4,5	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	39726	122	
		0,9 / 5,4	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
0,9 / 5,7		M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122		
1,1 / 6,7		M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	44830	147		
1,3 / 7,7		M7 (4m)	1,6 / 9,5	6,7 / 41	2136 / 2079	70,59	VR473.1K-E132MUE	45795	147		
1,4 / 8,8		M7 (4m)	1,6 / 9,5	7,6 / 47	1875 / 1826	61,85	VR473.1K-E132MUE	46629	147		
1,6 / 10,1		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	47357	147		
1,9 / 11,6		M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147		
2,2 / 13,3		M6 (3m)	1,6 / 16	11,4 / 70	1251 / 2059	41,50	VR473.1K-E160LUE	48720	227		
2,6 / 16,1		M6 (3m)	2,6 / 16	13,9 / 85	1682 / 1704	34,28	VR473.1K-E160LUE	49401	227		
0,8 / 5,1		M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371	
1,0 / 6,2		M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196		
1,1 / 7,0		M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
1,3 / 7,9		M8 (5m)	1,6 / 9,5	6,8 / 42	2098 / 2044	69,00	VR573.1K-E132MUE	73365	221		
1,5 / 9,4		M8 (5m)	1,6 / 9,5	8,1 / 50	1778 / 1733	58,36	VR573.1K-E132MUE	74607	221		
1,7 / 10,6		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
2,1 / 12,9		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
2,4 / 14,6		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
2,7 / 16,5		M8 (5m)	2,6 / 16	14,2 / 87	1647 / 1670	33,46	VR573.1K-E160LUE	78988	305		
3,1 / 19,5	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

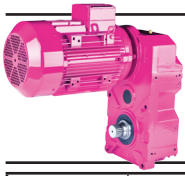
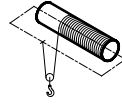
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	2,1 / 13	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
	2,3 / 14,6	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	2,7 / 17,1	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
	1,9 / 11,8	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,2 / 13,8	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	2,7 / 16,6	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
Ø320	2,2 / 13,8	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
	2,5 / 15,6	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	2,0 / 12,6	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,4 / 14,7	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	2,8 / 17,7	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
	2,4 / 14,7	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
2,6 / 16,5	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405		
Ø340	2,1 / 13,4	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,5 / 15,7	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	2,5 / 15,6	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
	2,8 / 17,5	M6 (3m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	122815	405	
	2,3 / 14,2	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,7 / 16,6	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
Ø380	2,6 / 16,4	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	118627	405	372
	2,4 / 15	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,8 / 17,5	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	2,8 / 17,3	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	118627	405	372
	2,5 / 15,8	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	2,7 / 16,6	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø400	2,8 / 17,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø420	2,7 / 16,6	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø440	2,8 / 17,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

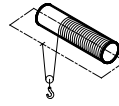
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø270	1,2 / 7,6	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371	
	1,4 / 8,6	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221		
	1,6 / 9,8	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221		
	1,9 / 11,6	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
	2,3 / 14,2	M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
	2,6 / 16	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
	2,9 / 18	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305		
	0,9 / 5,8	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	1,1 / 6,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	1,2 / 7,7	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	1,5 / 9,2	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	1,7 / 10,3	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
	2,0 / 12,2	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	2,3 / 14,2	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	2,6 / 16,3	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø280	1,3 / 7,9	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371
		1,5 / 9,0	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		1,6 / 10,1	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221	
1,9 / 12		M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
2,4 / 14,7		M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
2,7 / 16,6		M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
1,0 / 6,0		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
1,1 / 6,8		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
1,3 / 8,0		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
1,6 / 9,6		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
1,7 / 10,7		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
2,0 / 12,6		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
2,4 / 14,7		M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
2,7 / 16,9		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
Ø290		1,3 / 8,1	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		1,5 / 9,3	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		1,7 / 10,5	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221	
		2,0 / 12,5	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305	
	2,4 / 15,2	M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
	2,8 / 17,2	M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
	1,0 / 6,2	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	1,1 / 7,0	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	1,6 / 9,9	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	1,8 / 11,1	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
	2,1 / 13,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	2,4 / 15,2	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	2,8 / 17,5	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø300	1,4 / 8,4	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		1,6 / 9,6	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
		1,8 / 10,9	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305	
		2,1 / 12,9	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305	
2,5 / 15,7		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
2,9 / 17,8		M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
1,0 / 6,5		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
1,2 / 7,3		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
1,4 / 8,5		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
1,7 / 10,2		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

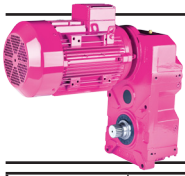
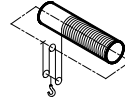
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	1,9 / 11,5	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	372
	2,2 / 13,5	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	2,5 / 15,8	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	
Ø310	1,4 / 8,7	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
	1,6 / 9,9	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
	1,8 / 11,2	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305	
	2,1 / 13,3	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305	
	2,6 / 16,3	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305	
	1,1 / 6,7	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,2 / 7,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	1,4 / 8,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	1,7 / 10,6	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	1,9 / 11,9	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	
	2,2 / 14	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	2,6 / 16,3	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	
Ø320	1,5 / 9,0	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	73553	221	371
	1,7 / 10,3	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	77671	221	
	1,9 / 11,6	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	80435	305	
	2,2 / 13,8	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	91413	305	
	2,7 / 16,8	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	90761	305	
	1,1 / 6,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,3 / 7,8	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	1,5 / 9,1	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	1,8 / 10,9	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405	
	2,0 / 12,3	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	
	2,3 / 14,4	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	2,7 / 16,8	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	
Ø330	1,5 / 9,3	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
	1,7 / 10,6	M6 (3m)	2,6 / 16	3,3 / 20	6956 / 7018	143,35	VR573.1K-E160LUE	80014	305	
	1,9 / 12	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305	
	2,3 / 14,2	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305	
	2,8 / 17,3	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305	
	1,2 / 7,1	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	1,5 / 9,4	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	1,8 / 11,3	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405	
	2,1 / 12,6	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	
	2,4 / 14,9	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	2,8 / 17,3	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	
Ø340	1,5 / 9,5	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
	1,8 / 10,9	M6 (3m)	2,6 / 16	3,3 / 20	6956 / 7018	143,35	VR573.1K-E160LUE	80014	305	
	2,0 / 12,3	M5 (2m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	93498	305	
	2,3 / 14,6	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305	
	2,9 / 17,8	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305	
	1,2 / 7,3	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	1,6 / 9,7	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	1,9 / 11,6	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	101128	405	
	2,1 / 13	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405	
	2,5 / 15,3	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	2,9 / 17,9	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

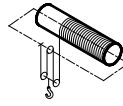
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø170	0,5 / 2,8	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370	
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	45238	122		
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122		
	0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	46400	122		
	0,8 / 4,8	M8 (5m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47006	122		
	0,9 / 5,5	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	1,0 / 6,3	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	48265	147		
	1,2 / 7,2	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	1,3 / 8,2	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	48565	147		
	1,5 / 9,4	M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48313	147		
	1,8 / 11,4	M7 (4m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	48808	227		
	2,2 / 13,8	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	50316	227		
	0,8 / 5,0	M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196	371	
	0,9 / 5,7	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
	1,1 / 6,7	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
	1,2 / 7,5	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	1,5 / 9,2	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	1,7 / 10,4	M8 (5m)	1,6 / 9,5	12,6 / 78	1139 / 1114	37,64	VR573.1K-E132MUE	77633	221		
	1,9 / 11,7	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
	2,2 / 13,8	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
	Ø180	0,5 / 3,0	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370
		0,5 / 3,4	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122	
		0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122	
		0,7 / 4,3	M8 (5m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	46400	122	
0,8 / 5,1		M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47006	122		
1,0 / 5,9		M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
1,1 / 6,7		M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	48265	147		
1,2 / 7,6		M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
1,4 / 8,7		M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	48565	147		
1,6 / 10		M7 (4m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	48313	147		
1,9 / 12,1		M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	50759	227		
2,3 / 14,6		M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	50316	227		
0,8 / 4,7		M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196	371	
0,9 / 5,3		M8 (5m)	0,8 / 4,9	6,1 / 37	1179 / 1184	77,63	VR573.1K-E112MUD	70695	196		
1,0 / 6,0		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		
1,2 / 7,1		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221		
1,3 / 8,0		M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
1,6 / 9,7		M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
1,8 / 11		M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
2,0 / 12,4		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
2,3 / 14,7		M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø190		0,5 / 3,1	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	44067	122	370
		0,6 / 3,6	M8 (5m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122	
		0,7 / 4,3	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122	
	0,7 / 4,5	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	46400	122		
	0,9 / 5,3	M7 (4m)	0,8 / 4,9	5,8 / 36	1222 / 1227	81,00	VR473.1K-E112MUD	47006	122		
	1,0 / 6,2	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	1,1 / 7,1	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	47395	147		
	1,3 / 8,0	M7 (4m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	1,5 / 9,2	M7 (4m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	47728	147		
	1,7 / 10,5	M6 (3m)	1,6 / 9,5	11,4 / 70	1251 / 1223	41,50	VR473.1K-E132MUE	50591	147		
	2,0 / 12,8	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49854	227		
	2,5 / 15,4	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	50316	227		
	0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	371	
	0,8 / 4,9	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196		
	0,9 / 5,6	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
	1,0 / 6,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

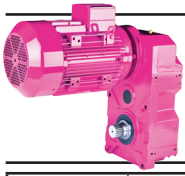
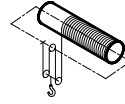
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø190	1,2 / 7,5	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	371	
	1,4 / 8,4	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	11,1 / 69	1287 / 1259	42,62	VR573.1K-E132MUE	76605	221		
	1,9 / 11,6	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
	2,1 / 13,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
	2,5 / 15,5	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø200	0,5 / 3,3	M8 (5m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	43107	122	370	
	0,6 / 3,7	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122		
	0,7 / 4,5	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	45331	122		
	0,8 / 4,7	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45228	122		
	0,9 / 5,6	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	47006	147		
	1,1 / 6,5	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	47676	147		
	1,2 / 7,4	M7 (4m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	47395	147		
	1,4 / 8,4	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	48020	147		
	1,6 / 9,7	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	49917	147		
	1,8 / 11,1	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	50379	227		
	2,2 / 13,4	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49854	227		
	2,6 / 16,2	M6 (3m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	50316	227		
	0,5 / 2,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	0,6 / 3,6	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	0,7 / 4,2	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	0,8 / 5,2	M8 (5m)	0,8 / 4,9	5,3 / 33	1333 / 1338	87,90	VR573.1K-E112MUD	68206	196		
	1,0 / 5,9	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
1,1 / 6,7	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
1,3 / 7,9	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221			
1,4 / 8,8	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221			
1,7 / 10,8	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305			
2,0 / 12,2	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305			
2,2 / 13,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
2,6 / 16,3	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			
Ø210	0,6 / 3,5	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	43107	122	370	
	0,6 / 3,9	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122		
	0,8 / 4,7	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44091	122		
	0,8 / 5,0	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45228	122		
	1,0 / 5,9	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	47006	147		
	1,1 / 6,8	M7 (4m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	46685	147		
	1,3 / 7,8	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49876	147		
	1,4 / 8,9	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	50346	147		
	1,7 / 10,2	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	49917	147		
	1,9 / 11,6	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	50379	227		
	2,3 / 14,1	M6 (3m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	49854	227		
	2,7 / 17	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51205	227		
	0,5 / 2,9	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196		371
	0,5 / 3,3	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	0,7 / 4,5	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196		
	0,9 / 5,4	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221		
	1,0 / 6,2	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221		
1,1 / 7,0	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
1,3 / 8,3	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221			
1,5 / 9,3	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221			
1,8 / 11,3	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305			
2,1 / 12,8	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305			
2,3 / 14,5	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
2,7 / 17,1	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

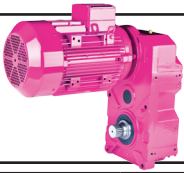
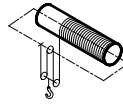
**5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø220	0,6 / 3,6	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	43107	122	370
	0,7 / 4,1	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122	
	0,8 / 4,9	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44091	122	
	0,8 / 5,2	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45228	122	
	1,0 / 6,2	M7 (4m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	47006	147	
	1,2 / 7,2	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	49343	147	
	1,3 / 8,2	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49876	147	
	1,5 / 9,3	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49389	147	
	1,7 / 10,7	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	49917	227	
	2,0 / 12,2	M6 (3m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	50379	227	
	2,4 / 14,8	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51856	227	
	0,5 / 3,1	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196	371
	0,6 / 3,5	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196	
	0,6 / 3,9	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196	
	0,8 / 4,7	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65714	196	
	0,9 / 5,7	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68541	221	
	1,0 / 6,5	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71056	221	
	1,2 / 7,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221	
	1,4 / 8,7	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74373	221	
	1,6 / 9,7	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75837	221	
1,9 / 11,9	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	76886	305		
2,2 / 13,4	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	77914	305		
2,4 / 15,2	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78821	305		
Ø230	0,6 / 3,8	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	43107	122	370
	0,7 / 4,3	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122	
	0,8 / 5,2	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44091	122	
	0,9 / 5,5	M7 (4m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	45228	147	
	1,0 / 6,5	M6 (3m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	49870	147	
	1,2 / 7,5	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	49343	147	
	1,4 / 8,5	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49876	147	
	1,6 / 9,7	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49389	147	
	1,8 / 11,1	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	49917	227	
	2,1 / 12,7	M5 (2m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	49286	227	
	2,5 / 15,5	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51856	227	
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	0,6 / 3,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	0,7 / 4,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	0,8 / 4,9	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	1,0 / 6,0	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
	1,1 / 6,7	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	1,2 / 7,7	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	1,5 / 9,0	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	1,7 / 10,2	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
2,0 / 12,4	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305		
2,3 / 14	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305		
2,5 / 15,8	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
Ø240	0,6 / 3,9	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	43107	122	370
	0,7 / 4,5	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	44393	122	
	0,9 / 5,4	M6 (3m)	1,6 / 9,5	4,6 / 29	3063 / 2982	101,48	VR473.1K-E132MUE	44091	147	
	0,9 / 5,7	M6 (3m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	48582	147	
	1,1 / 6,7	M6 (3m)	1,6 / 9,5	5,8 / 36	2445 / 2380	81,00	VR473.1K-E132MUE	48736	147	
	1,3 / 7,8	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	49343	147	
	1,4 / 8,9	M5 (2m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49876	147	
	1,6 / 10,1	M5 (2m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49389	147	
	1,9 / 11,6	M5 (2m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	49917	227	
	2,2 / 13,3	M5 (2m)	2,6 / 16	11,4 / 70	2033 / 2059	41,50	VR473.1K-E160LUE	51410	227	
	2,6 / 16,1	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51856	227	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

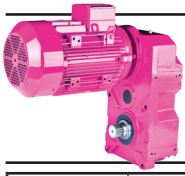
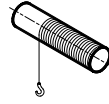
**5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø240	0,5 / 3,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	0,7 / 4,3	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	0,8 / 5,1	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	1,0 / 6,2	M8 (5m)	1,6 / 9,5	5,3 / 33	2665 / 2594	87,90	VR573.1K-E132MUE	68950	221	
	1,1 / 7,0	M8 (5m)	1,6 / 9,5	6,1 / 37	2357 / 2296	77,63	VR573.1K-E132MUE	71363	221	
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	1,5 / 9,4	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	1,7 / 10,6	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305	
	2,1 / 12,9	M8 (5m)	2,6 / 16	11,1 / 69	2092 / 2121	42,62	VR573.1K-E160LUE	77128	305	
	2,4 / 14,6	M8 (5m)	2,6 / 16	12,6 / 78	1850 / 1876	37,64	VR573.1K-E160LUE	78101	305	
	2,6 / 16,5	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

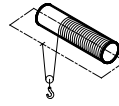
**6,3 t****1 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	2,0 / 11,8	M8 (5m)	1,6 / 16	2,0 / 13	6987 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø340	2,2 / 13,4	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

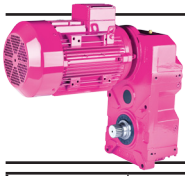
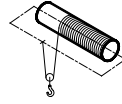
**6,3 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø270	1,2 / 7,6	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371	
	1,4 / 8,7	M6 (3m)	2,6 / 16	3,3 / 20	7030 / 6995	143,35	VR573.1K-E160LUE	79943	305		
	1,6 / 9,8	M5 (2m)	2,6 / 16	3,7 / 23	6230 / 6201	126,81	VR573.1K-E160LUE	93430	305		
	1,9 / 11,6	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
	2,3 / 14,2	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
	0,9 / 5,8	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	1,1 / 6,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	1,2 / 7,7	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	1,5 / 9,2	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	1,7 / 10,4	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	2,0 / 12,2	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	2,3 / 14,2	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	Ø280	1,3 / 7,9	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		1,4 / 9,0	M5 (2m)	2,6 / 16	3,3 / 20	7030 / 6995	143,35	VR573.1K-E160LUE	93254	305	
1,6 / 10,2		M5 (2m)	2,6 / 16	3,7 / 23	6230 / 6201	126,81	VR573.1K-E160LUE	93430	305		
1,9 / 12		M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
1,0 / 6,0		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
1,1 / 6,8		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
1,3 / 8,0		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
1,5 / 9,6		M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
1,7 / 10,8		M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
2,0 / 12,6		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
Ø290		1,0 / 6,2	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
		1,1 / 7,0	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
		1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
		1,6 / 9,9	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,8 / 11,1	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	2,1 / 13,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	2,3 / 14,2	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
Ø300	1,0 / 6,5	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	1,2 / 7,3	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	1,4 / 8,5	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	1,6 / 10,3	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	1,8 / 11,5	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	2,2 / 13,5	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	2,3 / 14,2	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373	
	Ø320	1,1 / 6,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
		1,3 / 7,8	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
		1,5 / 9,1	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
1,8 / 11		M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
2,0 / 12,3		M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
2,1 / 13,2		M8 (5m)	2,6 / 16	4,2 / 26	5499 / 5493	111,53	VR773.1K-E160LUE	139869	515	373	
Ø340	1,2 / 7,3	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	1,6 / 9,7	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405		
	1,9 / 11,6	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405		
	2,1 / 13,1	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405		
	2,2 / 14	M8 (5m)	2,6 / 16	4,2 / 26	5499 / 5493	111,53	VR773.1K-E160LUE	139869	515	373	
	2,3 / 14,2	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

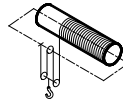
**6,3 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø360	1,3 / 7,8	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,4 / 8,7	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405	
	1,7 / 10,2	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	2,0 / 12,3	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	2,2 / 13,8	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	2,1 / 12,9	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	136311	515	373
Ø380	1,3 / 8,2	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,5 / 9,2	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405	
	1,8 / 10,8	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	2,1 / 13	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	2,2 / 13,6	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	136311	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

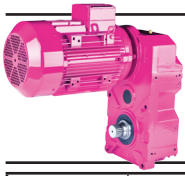
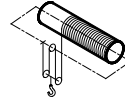
**6,3 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø170	0,5 / 2,8	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	0,5 / 3,2	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	0,6 / 3,8	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	0,7 / 4,0	M7 (4m)	0,8 / 4,9	4,9 / 30	1448 / 1454	95,87	VR473.1K-E112MUD	45705	122	
	0,8 / 4,8	M7 (4m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	44842	147	
	0,9 / 5,5	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	
	1,0 / 6,3	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	1,2 / 7,2	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	1,3 / 8,2	M6 (3m)	1,6 / 9,5	10 / 62	1425 / 1392	47,37	VR473.1K-E132MUE	50156	147	
	1,5 / 9,4	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48726	227	
	1,8 / 11,4	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227	
	2,2 / 13,8	M5 (2m)	2,6 / 16	16,5 / 103	1414 / 1413	28,45	VR473.1K-E160LUE	51886	227	
	0,4 / 2,4	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	0,4 / 2,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	0,5 / 3,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	0,6 / 3,6	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	0,7 / 4,4	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
	0,8 / 5,0	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221	
	0,9 / 5,7	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	1,1 / 6,7	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
1,2 / 7,5	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221		
1,5 / 9,2	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
1,7 / 10,4	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
1,9 / 11,7	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
2,2 / 13,8	M8 (5m)	2,6 / 16	16,6 / 104	1410 / 1411	28,30	VR573.1K-E160LUE	78834	305		
Ø180	0,5 / 3,0	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	0,5 / 3,4	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	0,7 / 4,0	M7 (4m)	0,8 / 4,9	4,6 / 29	1532 / 1538	101,48	VR473.1K-E112MUD	44588	122	
	0,7 / 4,3	M7 (4m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	42589	147	
	0,8 / 5,1	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47679	147	
	1,0 / 5,9	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	
	1,1 / 6,7	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	1,2 / 7,6	M6 (3m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	49658	147	
	1,4 / 8,7	M6 (3m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	48011	227	
	1,6 / 10	M6 (3m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	48726	227	
	1,9 / 12,1	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227	
	0,4 / 2,5	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	0,5 / 2,9	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196	
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196	
	0,8 / 4,7	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
	0,9 / 5,3	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221	
	1,0 / 6,0	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	1,2 / 7,1	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221	
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	9,1 / 56	1568 / 1533	51,97	VR573.1K-E132MUE	75965	221	
1,6 / 9,7	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305		
1,8 / 11	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305		
2,0 / 12,4	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305		
Ø190	0,5 / 3,1	M7 (4m)	0,8 / 4,9	3,4 / 21	2076 / 2082	138,35	VR473.1K-E112MUD	42061	122	370
	0,6 / 3,6	M7 (4m)	0,8 / 4,9	3,9 / 24	1828 / 1834	121,49	VR473.1K-E112MUD	43489	122	
	0,7 / 4,3	M6 (3m)	1,6 / 9,5	4,6 / 29	3063 / 2982	101,48	VR473.1K-E132MUE	44909	147	
	0,7 / 4,5	M6 (3m)	1,6 / 9,5	4,9 / 30	2897 / 2820	95,87	VR473.1K-E132MUE	45920	147	
	0,9 / 5,4	M6 (3m)	1,6 / 9,5	5,9 / 36	2419 / 2359	81,00	VR473.1K-E132MUE	47679	147	
	1,0 / 6,2	M6 (3m)	1,6 / 9,5	6,7 / 41	2113 / 2062	70,59	VR473.1K-E132MUE	48434	147	
	1,1 / 7,1	M6 (3m)	1,6 / 9,5	7,7 / 47	1855 / 1810	61,85	VR473.1K-E132MUE	49088	147	
	1,3 / 8,0	M5 (2m)	1,6 / 9,5	8,7 / 54	1633 / 1594	54,35	VR473.1K-E132MUE	52119	147	
	1,5 / 9,2	M5 (2m)	2,6 / 16	10 / 62	2316 / 2345	47,37	VR473.1K-E160LUE	50325	227	
	1,7 / 10,5	M5 (2m)	2,6 / 16	11,3 / 71	2055 / 2052	41,50	VR473.1K-E160LUE	50903	227	
	2,0 / 12,8	M5 (2m)	2,6 / 16	13,7 / 86	1700 / 1698	34,28	VR473.1K-E160LUE	51455	227	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

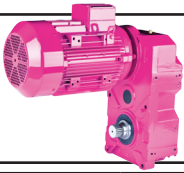
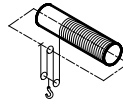
**6,3 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası		
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page		
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite		
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]			
Ø190	0,4 / 2,6	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371		
	0,5 / 3,0	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196			
	0,6 / 3,4	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196			
	0,7 / 4,0	M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196			
	0,8 / 5,0	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221			
	0,9 / 5,6	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221			
	1,0 / 6,3	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
	1,2 / 7,5	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221			
	1,4 / 8,4	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305			
	1,6 / 10,3	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
	1,9 / 11,6	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
	2,1 / 13,1	M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
	Ø200	0,5 / 2,8	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475		196	371
		0,5 / 3,2	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013		196	
0,6 / 3,6		M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196			
0,7 / 4,2		M8 (5m)	0,8 / 4,9	4,4 / 27	1623 / 1629	107,18	VR573.1K-E112MUD	65881	196			
0,8 / 5,2		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221			
1,0 / 5,9		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221			
1,1 / 6,7		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
1,3 / 7,9		M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221			
1,4 / 8,8		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305			
1,7 / 10,8		M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
2,0 / 12,2		M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
2,2 / 13,8		M8 (5m)	2,6 / 16	14 / 88	1664 / 1665	33,46	VR573.1K-E160LUE	78966	305			
Ø210		0,5 / 2,9	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
		0,5 / 3,3	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196			
	0,7 / 4,5	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221			
	0,9 / 5,5	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221			
	1,0 / 6,2	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221			
	1,1 / 7,0	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
	1,3 / 8,3	M8 (5m)	1,6 / 9,5	8,1 / 50	1759 / 1718	58,36	VR573.1K-E132MUE	74537	221			
	1,5 / 9,3	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305			
	1,8 / 11,4	M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	77102	305			
	2,1 / 12,9	M8 (5m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	78077	305			
	Ø220	0,5 / 3,1	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	48953	196		371
		0,6 / 3,5	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	56668	196		
		0,6 / 3,9	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62171	196		
0,8 / 4,7		M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66129	221			
0,9 / 5,7		M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68456	221			
1,1 / 6,5		M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	70977	221			
1,2 / 7,3		M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73056	221			
1,4 / 8,7		M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	74761	305			
1,6 / 9,7		M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76227	305			
1,9 / 11,9		M8 (5m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	76862	305			
2,2 / 13,5		M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	81960	305			
Ø230		0,5 / 3,2	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
		0,6 / 3,7	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196		
		0,7 / 4,1	M8 (5m)	0,8 / 4,9	3,7 / 23	1917 / 1922	126,81	VR573.1K-E112MUD	62417	196		
	0,8 / 4,9	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221			
	1,0 / 6,0	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221			
	1,1 / 6,8	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221			
	1,2 / 7,7	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221			
	1,5 / 9,0	M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305			
	1,7 / 10,2	M8 (5m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	76590	305			
	2,0 / 12,4	M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305			
	2,3 / 14,1	M7 (4m)	2,6 / 16	12,5 / 78	1870 / 1870	37,64	VR573.1K-E160LUE	82136	305			

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

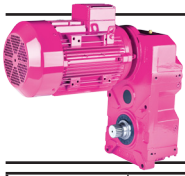
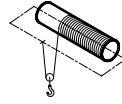
**6,3 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø240	0,5 / 3,3	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371
	0,6 / 3,8	M8 (5m)	0,8 / 4,9	3,3 / 20	2163 / 2168	143,35	VR573.1K-E112MUD	57013	196	
	0,7 / 4,3	M8 (5m)	1,6 / 9,5	3,7 / 23	3834 / 3726	126,81	VR573.1K-E132MUE	63417	221	
	0,8 / 5,1	M8 (5m)	1,6 / 9,5	4,4 / 27	3247 / 3158	107,18	VR573.1K-E132MUE	66759	221	
	1,0 / 6,3	M8 (5m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	68858	221	
	1,2 / 7,1	M8 (5m)	1,6 / 9,5	6,1 / 38	2332 / 2276	77,63	VR573.1K-E132MUE	71280	221	
	1,3 / 8,0	M8 (5m)	1,6 / 9,5	6,9 / 42	2076 / 2026	69,00	VR573.1K-E132MUE	73289	221	
	1,5 / 9,4	M8 (5m)	2,6 / 16	8,1 / 50	2858 / 2893	58,36	VR573.1K-E160LUE	75227	305	
	1,7 / 10,6	M7 (4m)	2,6 / 16	9,1 / 56	2549 / 2582	51,97	VR573.1K-E160LUE	81271	305	
	2,1 / 13	M7 (4m)	2,6 / 16	11 / 69	2114 / 2113	42,62	VR573.1K-E160LUE	81436	305	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

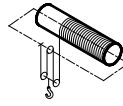
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø280	1,0 / 6,0	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	1,1 / 6,8	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	1,3 / 8,0	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	1,5 / 9,6	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,7 / 10,8	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	104020	405	
Ø300	1,0 / 6,5	M8 (5m)	2,6 / 9,5	2,2 / 14	10377 / 6186	213,15	VR673.1K-E132MUE	80308	323	372
	1,2 / 7,3	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	1,4 / 8,6	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	1,6 / 10,3	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,7 / 10,7	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	136311	515	373
Ø320	1,1 / 6,9	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	80308	405	372
	1,2 / 7,8	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	90757	405	
	1,5 / 9,1	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	97049	405	
	1,6 / 9,9	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	131766	515	373
Ø340	1,2 / 7,3	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	80308	405	372
	1,3 / 8,3	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,6 / 9,7	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
	1,7 / 10,5	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	131766	515	373
Ø360	1,3 / 7,8	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	1,4 / 8,7	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,6 / 10,3	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
	1,6 / 10	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	373
	1,8 / 11,1	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	131766	515	
Ø380	1,3 / 8,2	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	1,5 / 9,2	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,2 / 7,5	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	1,4 / 8,7	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	
	1,7 / 10,5	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
Ø400	1,4 / 8,6	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	1,6 / 9,7	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,3 / 7,9	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	1,5 / 9,2	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	
	1,8 / 11,1	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
Ø420	1,5 / 9,0	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	97718	405	372
	1,6 / 10,2	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	122815	405	
	1,3 / 8,3	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	1,6 / 9,6	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	117498	515	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

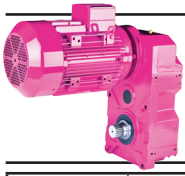
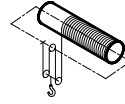
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø230	0,5 / 3,2	M8 (5m)	0,8 / 4,9	2,9 / 18	2466 / 2471	163,77	VR573.1K-E112MUD	49475	196	371	
	0,6 / 3,7	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221		
	0,7 / 4,2	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
	0,8 / 4,9	M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221		
	1,0 / 6,0	M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221		
	1,1 / 6,8	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
	1,2 / 7,7	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
	1,5 / 9,1	M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305		
	1,6 / 10,2	M7 (4m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	81241	305		
	0,8 / 5,2	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	372	
	1,0 / 6,0	M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323		
	1,1 / 7,0	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	1,3 / 8,0	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	1,4 / 9,1	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
	Ø240	0,5 / 3,3	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
		0,6 / 3,8	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
0,7 / 4,3		M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
0,8 / 5,1		M8 (5m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	66656	221		
1,0 / 6,3		M7 (4m)	1,6 / 9,5	5,4 / 33	2637 / 2572	87,90	VR573.1K-E132MUE	75460	221		
1,1 / 7,1		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
1,3 / 8,0		M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
1,5 / 9,5		M7 (4m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	80241	305		
1,7 / 10,6		M6 (3m)	2,6 / 16	9,0 / 56	2576 / 2573	51,97	VR573.1K-E160LUE	86154	305		
0,9 / 5,4		M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	372	
1,0 / 6,3		M8 (5m)	1,6 / 9,5	5,4 / 33	2653 / 2572	87,77	VR673.1K-E132MUE	108937	323		
1,2 / 7,3		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
1,3 / 8,3		M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
1,5 / 9,4		M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø250		0,6 / 3,5	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
		0,7 / 4,0	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
	0,7 / 4,5	M8 (5m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	63302	221		
	0,9 / 5,4	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
	1,1 / 6,5	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305		
	1,2 / 7,4	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
	1,3 / 8,3	M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
	1,6 / 9,9	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305		
	0,8 / 4,8	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	372	
	0,9 / 5,6	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323		
	1,1 / 6,5	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		
	1,2 / 7,6	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	1,4 / 8,7	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
	1,6 / 9,8	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
	Ø260	0,6 / 3,6	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
		0,7 / 4,2	M8 (5m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	57962	221	
0,8 / 4,7		M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221		
0,9 / 5,6		M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221		
1,1 / 6,8		M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305		
1,2 / 7,7		M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305		
1,4 / 8,7		M7 (4m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	79549	305		
1,6 / 10,3		M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305		
0,8 / 5,0		M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	372	
0,9 / 5,8		M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323		
1,1 / 6,8		M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

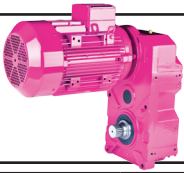
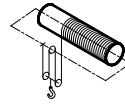
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø260	1,3 / 7,9	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	372
	1,4 / 9,0	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
	1,6 / 10,2	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405	
Ø270	0,6 / 3,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	50607	221	371
	0,7 / 4,3	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
	0,8 / 4,9	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
	0,9 / 5,8	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	1,1 / 7,1	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	76433	305	
	1,3 / 8,0	M7 (4m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	78121	305	
	1,4 / 9,0	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	1,7 / 10,7	M6 (3m)	2,6 / 16	8,1 / 50	2889 / 2884	58,36	VR573.1K-E160LUE	85566	305	
	0,6 / 3,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	372
	0,7 / 4,6	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	0,8 / 5,2	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	1,0 / 6,1	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	1,1 / 7,1	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	1,3 / 8,2	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	1,5 / 9,3	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
1,7 / 10,6	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø280	0,6 / 3,9	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	60054	221	371
	0,7 / 4,5	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	66441	221	
	0,8 / 5,1	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	70911	221	
	1,0 / 6,0	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	73522	221	
	1,2 / 7,3	M7 (4m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	75389	305	
	1,3 / 8,3	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	83835	305	
	1,5 / 9,3	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	84828	305	
	0,5 / 3,4	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	372
	0,6 / 3,9	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	0,8 / 4,8	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	0,9 / 5,4	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	1,0 / 6,3	M8 (5m)	1,6 / 9,5	4,7 / 29	3080 / 2985	102,10	VR673.1K-E132MUE	106685	323	
	1,2 / 7,3	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	1,4 / 8,5	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	1,6 / 9,7	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	
1,8 / 11	M8 (5m)	2,6 / 16	8,0 / 50	2921 / 2895	58,54	VR673.1K-E160LUE	114716	405		
Ø290	0,7 / 4,0	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
	0,8 / 4,6	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	
	0,9 / 5,3	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	
	1,0 / 6,2	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	1,2 / 7,6	M6 (3m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	83610	305	
	1,4 / 8,6	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305	
	1,6 / 9,7	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	0,5 / 3,1	M8 (5m)	0,8 / 4,9	2,2 / 14	3227 / 3218	213,15	VR673.1K-E112MUD	77311	298	372
	0,6 / 3,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	
	0,7 / 4,1	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	0,8 / 5,0	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	0,9 / 5,6	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	1,1 / 6,5	M8 (5m)	2,6 / 16	4,7 / 29	5005 / 5028	102,10	VR673.1K-E160LUE	107742	405	
	1,2 / 7,6	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	1,4 / 8,8	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
1,6 / 10	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405		
Ø300	0,7 / 4,2	M7 (4m)	1,6 / 9,5	2,9 / 18	4932 / 4790	163,77	VR573.1K-E132MUE	61671	221	371
	0,8 / 4,8	M7 (4m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	67540	221	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

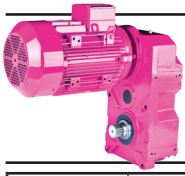
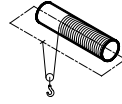
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø300	0,9 / 5,4	M7 (4m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	71717	221	371
	1,0 / 6,4	M7 (4m)	1,6 / 9,5	4,4 / 27	3213 / 3131	107,18	VR573.1K-E132MUE	74078	221	
	1,3 / 7,8	M6 (3m)	2,6 / 16	5,4 / 33	4286 / 4332	87,90	VR573.1K-E160LUE	83610	305	
	1,4 / 8,9	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305	
	1,6 / 10	M6 (3m)	2,6 / 16	6,8 / 43	3409 / 3401	69,00	VR573.1K-E160LUE	85395	305	
	0,5 / 3,2	M8 (5m)	0,8 / 4,9	2,2 / 14	3227 / 3218	213,15	VR673.1K-E112MUD	77311	298	372
	0,6 / 3,6	M8 (5m)	1,6 / 9,5	2,5 / 15	5751 / 5562	189,61	VR673.1K-E132MUE	89335	323	
	0,7 / 4,2	M8 (5m)	1,6 / 9,5	2,9 / 18	4915 / 4754	161,66	VR673.1K-E132MUE	95759	323	
	0,8 / 5,1	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323	
	0,9 / 5,7	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323	
	1,1 / 6,7	M8 (5m)	2,6 / 16	4,7 / 29	5005 / 5028	102,10	VR673.1K-E160LUE	107742	405	
	1,3 / 7,8	M8 (5m)	2,6 / 16	5,4 / 33	4312 / 4332	87,77	VR673.1K-E160LUE	109863	405	
	1,5 / 9,1	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405	
	1,7 / 10,4	M8 (5m)	2,6 / 16	7,1 / 44	3318 / 3288	66,59	VR673.1K-E160LUE	113286	405	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

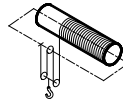
**10 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø300	1,0 / 6,5	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
	1,2 / 7,3	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,4 / 8,6	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	109865	405	
	0,9 / 5,9	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	1,1 / 6,9	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	1,3 / 8,3	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
Ø320	1,1 / 6,9	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
	1,2 / 7,8	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405	
	1,0 / 6,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	1,2 / 7,4	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	1,4 / 8,9	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
	1,2 / 7,4	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	97608	405	372
1,3 / 8,3	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	105634	405		
Ø340	1,1 / 6,7	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	1,3 / 7,8	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	1,2 / 7,8	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	118627	405	372
	1,4 / 8,7	M6 (3m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	122815	405	
Ø360	1,1 / 7,1	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	1,3 / 8,3	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	1,3 / 8,2	M6 (3m)	0,8 / 16	2,2 / 14	3227 / 10384	213,15	VR673.1K-E160LUE	118627	405	372
	1,2 / 7,5	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
1,4 / 8,7	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515		
Ø400	1,4 / 8,6	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	118627	405	372
	1,3 / 7,9	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø420	1,3 / 8,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø440	1,4 / 8,7	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

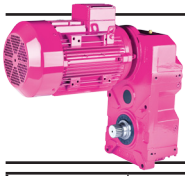
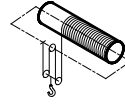
**10 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite	
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]		
Ø270	0,6 / 3,8	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371	
	0,7 / 4,3	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221		
	0,8 / 4,9	M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221		
	0,9 / 5,8	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
	1,1 / 7,1	M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
	1,3 / 8,0	M6 (3m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	84562	305		
	0,5 / 2,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	0,5 / 3,3	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	0,6 / 3,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	0,7 / 4,6	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	0,8 / 5,2	M8 (5m)	1,6 / 9,5	4,0 / 24	3616 / 3505	119,86	VR673.1K-E132MUE	104020	323		
	1,0 / 6,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	1,1 / 7,1	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	1,3 / 8,2	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø280	0,6 / 3,9	M7 (4m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	61499	221	371
		0,7 / 4,5	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
0,8 / 5,1		M6 (3m)	1,6 / 9,5	3,7 / 23	3793 / 3694	126,81	VR573.1K-E132MUE	81163	221		
1,0 / 6,0		M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
1,2 / 7,3		M6 (3m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	83564	305		
1,3 / 8,3		M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
0,5 / 3,0		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
0,6 / 3,4		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
0,6 / 4,0		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
0,8 / 4,8		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
0,9 / 5,4		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
1,0 / 6,3		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
1,2 / 7,4		M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
1,4 / 8,5		M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
Ø290		0,7 / 4,1	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		0,8 / 4,6	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
	0,9 / 5,3	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305		
	1,0 / 6,2	M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
	1,2 / 7,6	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
	1,4 / 8,6	M5 (2m)	2,6 / 16	6,1 / 38	3830 / 3820	77,63	VR573.1K-E160LUE	91714	305		
	0,5 / 3,1	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372	
	0,6 / 3,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323		
	0,7 / 4,1	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323		
	0,8 / 5,0	M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	99797	323		
	0,9 / 5,6	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	105234	405		
	1,0 / 6,5	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405		
	1,2 / 7,6	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	109816	405		
	1,4 / 8,8	M8 (5m)	2,6 / 16	6,2 / 39	3789 / 3754	76,17	VR673.1K-E160LUE	111665	405		
	Ø300	0,7 / 4,2	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		0,8 / 4,8	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	78608	221	
0,9 / 5,4		M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	82470	305		
1,0 / 6,4		M6 (3m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	83350	305		
1,3 / 7,9		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
0,5 / 3,2		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372	
0,6 / 3,6		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	98044	323		
0,7 / 4,3		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	102235	323		
0,8 / 5,1		M8 (5m)	1,6 / 9,5	3,5 / 22	4052 / 3927	134,51	VR673.1K-E132MUE	105846	323		
0,9 / 5,7		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	108469	405		
1,1 / 6,8		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	109652	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

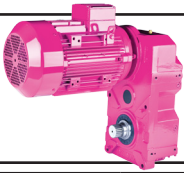
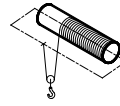
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası	
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page	
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite	
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]		
Ø300	1,3 / 7,9	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	111926	405	372	
Ø310	0,7 / 4,3	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	58,36	VR573.1K-E132MUE	74843	221	371	
	0,8 / 5,0	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	51,97	VR573.1K-E132MUE	78608	221		
	0,9 / 5,6	M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	42,62	VR573.1K-E160LUE	82470	305		
	1,1 / 6,7	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	37,64	VR573.1K-E160LUE	92680	305		
	1,3 / 8,1	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	33,46	VR573.1K-E160LUE	91619	305		
	0,5 / 3,3	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372	
	0,6 / 3,8	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	98044	323		
	0,7 / 4,4	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	102235	323		
	0,9 / 5,3	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	104756	405		
	1,0 / 5,9	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	108469	405		
	1,1 / 7,0	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	109652	405		
	1,3 / 8,1	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	111926	405		
	Ø320	0,7 / 4,5	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	73553	221	371
		0,8 / 5,1	M6 (3m)	1,6 / 9,5	3,3 / 20	4280 / 4167	143,35	VR573.1K-E132MUE	77671	221	
0,9 / 5,8		M6 (3m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	80435	305		
1,1 / 6,9		M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	91413	305		
1,3 / 8,4		M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	90761	305		
0,6 / 3,4		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372	
0,6 / 3,9		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	96820	323		
0,7 / 4,5		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	102235	323		
0,9 / 5,5		M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	104756	405		
1,0 / 6,1		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	108469	405		
1,2 / 7,2		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	109652	405		
1,3 / 8,4		M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	111926	405		
Ø330		0,8 / 4,6	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		0,9 / 5,3	M6 (3m)	2,6 / 16	3,3 / 20	6956 / 7018	143,35	VR573.1K-E160LUE	80014	305	
	1,0 / 6,0	M5 (2m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	93498	305		
	1,1 / 7,1	M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
	1,4 / 8,6	M5 (2m)	2,6 / 16	5,3 / 33	4331 / 4317	87,90	VR573.1K-E160LUE	91619	305		
	0,6 / 3,6	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372	
	0,6 / 4,0	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	96820	323		
	0,8 / 4,7	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	102235	323		
	0,9 / 5,6	M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	104756	405		
	1,0 / 6,3	M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	108469	405		
	1,2 / 7,4	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	109652	405		
	1,4 / 8,7	M8 (5m)	2,6 / 16	5,4 / 33	4357 / 4318	87,77	VR673.1K-E160LUE	111926	405		
	Ø340	0,8 / 4,8	M6 (3m)	1,6 / 9,5	2,9 / 18	4880 / 4749	163,77	VR573.1K-E132MUE	74843	221	371
		0,9 / 5,4	M5 (2m)	2,6 / 16	3,3 / 20	6956 / 7018	143,35	VR573.1K-E160LUE	93337	305	
1,0 / 6,2		M5 (2m)	2,6 / 16	3,7 / 23	6164 / 6222	126,81	VR573.1K-E160LUE	93498	305		
1,2 / 7,3		M5 (2m)	2,6 / 16	4,4 / 27	5276 / 5255	107,18	VR573.1K-E160LUE	92680	305		
0,6 / 3,7		M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372	
0,7 / 4,1		M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	96820	323		
0,8 / 4,8		M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	102235	323		
0,9 / 5,8		M8 (5m)	2,6 / 16	3,5 / 22	6584 / 6615	134,51	VR673.1K-E160LUE	104756	405		
1,1 / 6,5		M8 (5m)	2,6 / 16	4,0 / 24	5876 / 5904	119,86	VR673.1K-E160LUE	108469	405		
1,2 / 7,7		M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	109652	405		

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

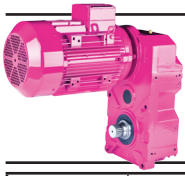
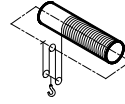
**12,5 t****2 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	1,0 / 6,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø340	1,1 / 6,7	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø360	1,1 / 7,1	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

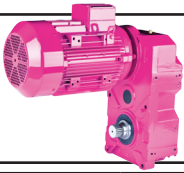
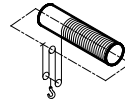
**12,5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø270	0,5 / 2,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,5 / 3,3	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,6 / 3,8	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	0,7 / 4,6	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	0,8 / 5,2	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,0 / 6,1	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
Ø280	0,5 / 3,0	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,6 / 3,4	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,6 / 4,0	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	0,8 / 4,8	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	0,9 / 5,4	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,0 / 6,3	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	1,1 / 6,6	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373
Ø290	0,5 / 3,1	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,6 / 3,5	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,7 / 4,1	M8 (5m)	1,6 / 9,5	2,9 / 18	4863 / 4714	161,66	VR673.1K-E132MUE	95588	323	
	0,8 / 5,0	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	0,9 / 5,6	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,0 / 6,5	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	1,1 / 6,8	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373
Ø300	0,5 / 3,2	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,6 / 3,6	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,7 / 4,3	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	0,8 / 5,1	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	0,9 / 5,8	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,1 / 6,8	M8 (5m)	2,6 / 16	4,6 / 29	5058 / 5011	102,10	VR673.1K-E160LUE	107690	405	
	1,1 / 6,8	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373
Ø320	0,6 / 3,4	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,6 / 3,9	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,7 / 4,5	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	0,9 / 5,5	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,0 / 6,2	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,1 / 6,6	M8 (5m)	2,6 / 16	4,2 / 26	5499 / 5493	111,53	VR773.1K-E160LUE	139869	515	373
	1,1 / 6,6	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373
Ø340	0,6 / 3,7	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,7 / 4,1	M8 (5m)	1,6 / 9,5	2,5 / 15	5691 / 5514	189,61	VR673.1K-E132MUE	89141	323	
	0,8 / 4,8	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	0,9 / 5,8	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,0 / 6,5	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,1 / 7	M8 (5m)	2,6 / 16	4,2 / 26	5499 / 5493	111,53	VR773.1K-E160LUE	139869	515	373
	1,1 / 7	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373
Ø360	0,6 / 3,9	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,7 / 4,4	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405	
	0,8 / 5,1	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	1,0 / 6,2	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,1 / 6,9	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	105176	405	
	1,1 / 6,9	M8 (5m)	2,6 / 16	4,8 / 30	4817 / 4814	97,55	VR773.1K-E160LUE	142882	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

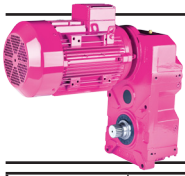
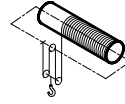
**12,5 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø380	0,7 / 4,1	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	78550	323	372
	0,7 / 4,6	M8 (5m)	2,6 / 16	2,5 / 15	9248 / 9287	189,61	VR673.1K-E160LUE	90839	405	
	0,9 / 5,4	M8 (5m)	2,6 / 16	2,9 / 18	7903 / 7939	161,66	VR673.1K-E160LUE	97121	405	
	1,0 / 6,5	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	101064	405	
	1,1 / 6,8	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	136311		
	1,1 / 6,8	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	136311	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

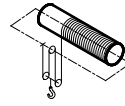
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Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø280	0,5 / 3,0	M8 (5m)	1,6 / 9,5	2,2 / 14	6386 / 6186	213,15	VR673.1K-E132MUE	89277	323	372
	0,5 / 3,4	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,6 / 4,0	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	103282	405	
	0,8 / 4,8	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	105846	405	
	0,9 / 5,4	M8 (5m)	2,6 / 16	3,9 / 24	5939 / 5884	119,86	VR673.1K-E160LUE	109442	405	
Ø300	0,5 / 3,2	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,6	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,7 / 4,3	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	102235	405	
	0,8 / 5,1	M8 (5m)	2,6 / 16	3,5 / 22	6654 / 6592	134,51	VR673.1K-E160LUE	105846	405	
	0,9 / 5,4	M8 (5m)	2,6 / 16	3,6 / 23	6340 / 6330	128,81	VR773.1K-E160LUE	140100	515	373
Ø320	0,6 / 3,4	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,9	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,7 / 4,6	M8 (5m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	102235	405	
	0,8 / 4,9	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	135735	515	373
Ø340	0,6 / 3,7	M8 (5m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,7 / 4,1	M8 (5m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,8 / 4,8	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	102235	405	
	0,8 / 5,3	M8 (5m)	2,6 / 16	3,2 / 20	7338 / 7322	148,95	VR773.1K-E160LUE	135735	515	373
Ø360	0,6 / 3,9	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,7 / 4,4	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,8 / 5,1	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	102235	405	
	0,6 / 3,5	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	114944	515	373
	0,7 / 4,1	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	125257	515	
	0,8 / 5,0	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	129558	515	
Ø380	0,7 / 4,1	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,7 / 4,6	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	96820	405	
	0,9 / 5,4	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	102235	405	
	0,6 / 3,7	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	114944	515	373
	0,7 / 4,4	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	122614	515	
	0,8 / 5,3	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	129558	515	
Ø400	0,7 / 4,3	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,8 / 4,9	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	96820	405	
	0,6 / 3,9	M8 (5m)	2,6 / 16	2,0 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	114944	515	373
	0,7 / 4,6	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	122614	515	
Ø420	0,7 / 4,5	M7 (4m)	2,6 / 16	2,2 / 14	10377 / 10419	213,15	VR673.1K-E160LUE	89277	405	372
	0,8 / 5,1	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	96820	405	
	0,7 / 4,1	M8 (5m)	2,6 / 16	2 / 13	11355 / 11468	233,77	VR773.1K-E160LUE	105413	515	373
	0,8 / 4,8	M8 (5m)	2,6 / 16	2,4 / 15	9738 / 9842	200,14	VR773.1K-E160LUE	122614	515	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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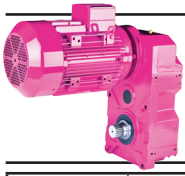
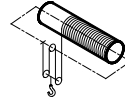
**20 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
Drum Diameter	Lifting Speed	Crane* Class	Power	Output Speeds	Output Torque	Ratio	Type	Per. O.Loads (Output)	Weight	Dim. Page
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht ~	Maße Seite
D_T [mm]	V_h [m/min]	ISO (FEM)	[kW]	n₂ [r.p.m]	M₂ [Nm]	i		F_{qam} [N]	[kg]	
Ø300	0,5 / 3,2	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,6	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,7 / 4,3	M7 (4m)	2,6 / 16	2,9 / 18	7987 / 7912	161,66	VR673.1K-E160LUE	103282	405	
	0,5 / 3,0	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	0,6 / 3,5	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
	0,7 / 4,2	M8 (5m)	2,6 / 16	2,8 / 18	8192 / 8171	166,50	VR773.1K-E160LUE	124799	515	
Ø320	0,6 / 3,5	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,9	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,5 / 3,2	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	0,6 / 3,7	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
Ø340	0,6 / 3,7	M7 (4m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,7 / 4,1	M7 (4m)	2,6 / 16	2,5 / 15	9346 / 9256	189,61	VR673.1K-E160LUE	98044	405	
	0,5 / 3,4	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	0,6 / 3,9	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
Ø360	0,6 / 3,9	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,5	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	0,7 / 4,1	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
Ø380	0,7 / 4,1	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,7	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
	0,7 / 4,4	M8 (5m)	2,6 / 16	2,3 / 15	9842 / 9808	200,14	VR773.1K-E160LUE	117394	515	
Ø400	0,7 / 4,3	M6 (3m)	2,6 / 16	2,2 / 14	10487 / 10384	213,15	VR673.1K-E160LUE	89277	405	372
	0,6 / 3,9	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø420	0,7 / 4,1	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø440	0,7 / 4,3	M8 (5m)	2,6 / 16	2,0 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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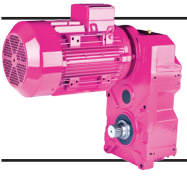
**25 t****4 / 1**

Tambur Çapı	Kaldırma Hızı	Vinç* Sınıfı	Motor Gücü	Çıkış Devri	Çıkış Momenti	Çevrim Oranı	Tipi	Güv. Rad.Yük Çıkış	Ağırlık	Ölçü Sayfası
<i>Drum Diameter</i>	<i>Lifting Speed</i>	<i>Crane* Class</i>	<i>Power</i>	<i>Output Speeds</i>	<i>Output Torque</i>	<i>Ratio</i>	<i>Type</i>	<i>Per. O.Loads (Output)</i>	<i>Weight</i>	<i>Dim. Page</i>
Trommel-durchmesser	Hubgeschwindigkeit	Kranklasse*	Leistung	Abtriebs-drehzahlen	Abtriebs-drehmomente	Übersetzung	Typ	Zul.Querkräfte (Abtrieb)	Gewicht	Maße Seite
D _T [mm]	V _h [m/min]	ISO (FEM)	[kW]	n ₂ [r.p.m]	M ₂ [Nm]	i		F _{qam} [N]	[kg]	
Ø320	0,5 / 3,2	M8 (5m)	2,6 / 16	2 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373
Ø340	0,5 / 3,4	M8 (5m)	2,6 / 16	2 / 13	11475 / 11428	233,77	VR773.1K-E160LUE	105294	515	373

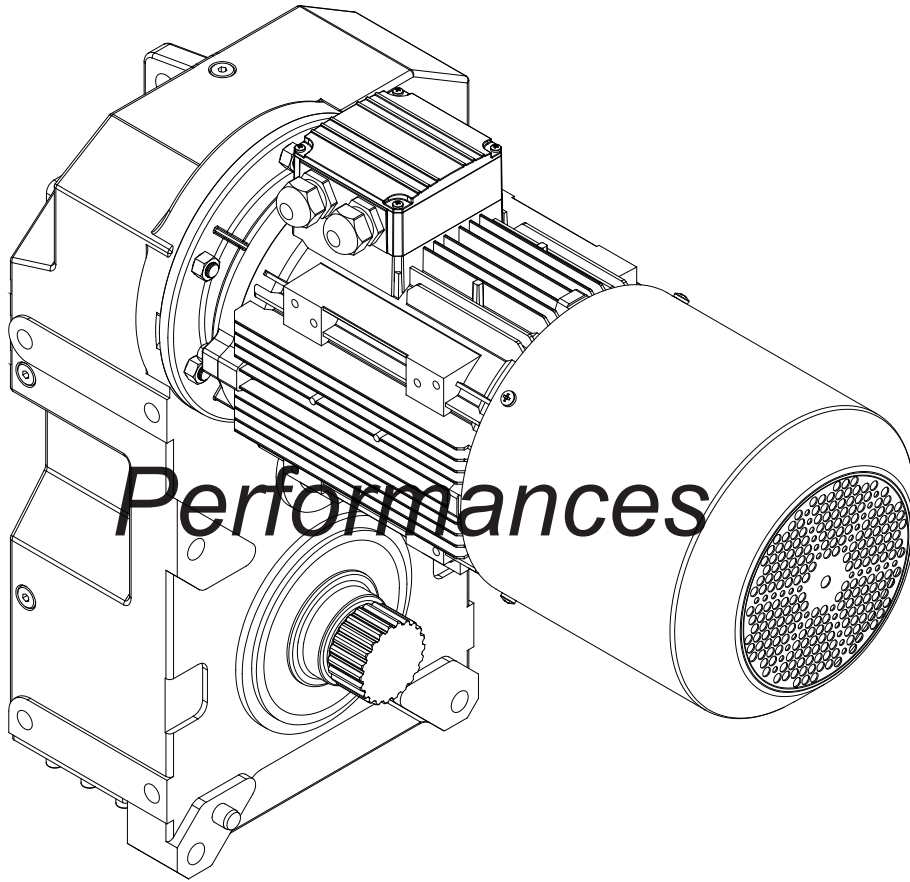
*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

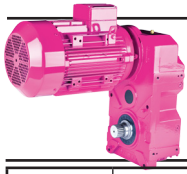
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



Performans Sayfaları



Leistungstabellen



V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

n₁=2800

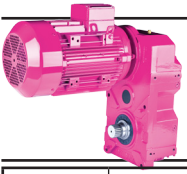


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment	Çevrim Oranı <i>Ratio</i> Übersetzung	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul.Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]										
345	25,44	110	2800	VR273...	7,05	7,05	7,01	5,85	4,65	3,70	2,95	4,18	17087
370	30,34	92			5,92	5,92	5,92	5,24	4,15	3,31	2,63	3,74	16761
390	36,38	77			4,95	4,95	4,95	4,61	3,69	2,94	2,34	3,32	16595
290	42,22	66			3,00	2,93	2,86	2,69	2,53	2,37	1,98	2,13	16156
290	50,36	56			2,54	2,49	2,43	2,28	2,14	2,01	1,73	1,81	15747
295	60,39	46			2,15	2,10	2,05	1,93	1,82	1,71	1,55	1,53	15345
300	73,03	38			1,86	1,75	1,72	1,62	1,53	1,43	1,34	1,29	14757
300	83,46	34			1,68	1,55	1,51	1,43	1,35	1,27	1,19	1,14	14184
300	96,09	29			1,52	1,36	1,33	1,26	1,18	1,12	1,05	1,00	17045
310	113,02	25			1,34	1,16	1,14	1,09	1,02	0,96	0,90	0,86	13151
310	120,49	23			1,28	1,10	1,07	1,03	0,97	0,91	0,85	0,81	14743
310	137,94	20			1,15	0,99	0,95	0,91	0,85	0,80	0,75	0,72	14190
490	23,58	119	2800	VR373...	11,18	10,41	10,19	8,92	7,10	5,67	4,49	6,38	12920
520	27,53	102			9,64	9,13	8,78	8,16	6,43	5,14	4,08	5,81	12285
545	32,11	87			8,29	8,02	7,55	7,38	5,85	4,65	3,69	5,22	12862
565	35,49	79			7,53	7,37	6,86	6,76	5,47	4,34	3,47	4,91	13249
595	41,42	68			6,49	6,39	5,91	5,82	4,96	3,95	3,13	4,44	13876
630	52,30	54			5,19	5,11	4,82	4,65	4,15	3,32	2,64	3,74	14886
650	57,79	48			4,71	4,64	4,43	4,23	3,90	3,09	2,44	3,49	15342
685	67,45	42			4,09	4,00	3,89	3,64	3,51	2,81	2,24	3,16	16060
725	79,34	35			3,57	3,42	3,37	3,12	3,07	2,52	1,99	2,85	16864
730	94,32	30			3,08	2,90	2,86	2,66	2,60	2,26	1,77	2,42	17758
735	106,69	26			2,78	2,57	2,54	2,40	2,31	2,09	1,62	2,16	18431
740	121,67	23			2,46	2,27	2,24	2,15	2,04	1,93	1,50	1,91	19162
920	28,45	98	2800	VR473...	17,10	16,85	16,62	14,01	11,10	8,84	7,00	9,91	15531
990	34,28	82			14,29	14,08	13,88	12,37	9,86	7,80	6,19	8,88	16414
1050	41,50	67			11,89	11,72	11,54	10,99	8,69	6,90	5,49	7,80	17357
1100	47,37	59			10,47	10,32	10,17	10,02	7,95	6,39	5,02	7,17	18055
1150	54,35	52			9,18	9,04	8,91	8,78	7,29	5,81	4,61	6,55	18793
1180	61,85	45			8,10	7,98	7,87	7,75	6,62	5,16	4,06	5,91	19609
1220	70,59	40			7,20	7,03	6,93	6,83	6,07	4,75	3,65	5,37	20429
1290	81,00	35			6,41	6,16	6,07	5,98	5,54	4,31	3,34	4,96	21272
1350	95,87	29			5,55	5,23	5,16	5,08	4,91	3,87	2,96	4,39	22385
1370	101,48	28			5,29	4,96	4,88	4,81	4,74	3,72	2,83	4,21	22781
1410	121,49	23			4,55	4,17	4,11	4,05	3,99	3,28	2,53	3,64	24015
1420	138,35	20			4,08	3,71	3,63	3,58	3,53	3,00	2,34	3,23	24935
1780	28,30	99	2800	VR573...	49,21	42,94	34,07	27,04	21,42	17,09	13,63	19,25	29462
1880	33,46	84			41,72	38,51	30,53	24,21	19,26	15,31	12,20	17,24	30984
1960	37,64	74			37,14	35,67	28,24	22,45	17,80	14,20	11,27	16,00	32101
2040	42,62	66			32,86	32,72	26,07	20,66	16,39	13,07	10,40	14,73	33327
2180	51,97	54			26,99	26,99	22,84	18,15	14,36	11,45	9,14	12,93	35377
2310	58,36	48			24,08	23,93	21,65	17,15	13,60	10,85	8,58	12,23	36647
2440	69,00	41			20,42	20,38	19,39	15,39	12,21	9,74	7,76	10,95	38552
2540	77,63	36			18,18	18,18	17,94	14,23	11,31	8,99	7,11	10,15	39935
2650	87,90	32			16,09	16,09	15,91	13,12	10,43	8,38	6,47	9,37	41444
2830	107,18	26			13,22	13,22	13,13	11,50	9,15	7,29	5,69	8,22	43996
2990	126,81	22			11,20	11,20	11,15	10,31	8,20	6,60	5,12	7,36	46287
3110	143,35	20			9,93	9,93	9,93	9,82	7,55	6,07	4,71	6,79	48024
3250	163,77	17			8,71	8,71	8,71	8,62	6,93	5,53	4,29	6,22	49981
6600	87,77	32	2800	VR673...	38,89	38,18	36,41	31,46	25,81	20,86	16,97	23,33	61153
6800	102,10	27			33,51	32,90	31,98	28,33	22,85	18,58	15,23	20,71	63986
7100	119,86	23			28,54	28,28	27,76	24,91	20,24	16,34	13,49	18,42	67116
7300	134,51	21			25,47	25,47	25,01	22,92	18,52	15,05	12,27	16,90	69444
7550	161,66	17			21,22	21,22	20,84	19,68	16,21	13,31	10,80	14,57	73385
7600	189,61	15			18,14	18,14	17,81	17,15	14,51	11,87	9,57	12,53	76953
7650	213,15	13			16,17	16,17	16,02	15,44	13,38	10,88	8,82	11,25	79705

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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V Series Performance Tables

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$n_1=2800$

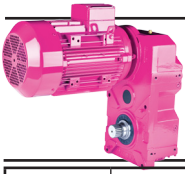


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>					
					Nennndrehmoment <i>Übersetzung</i>	Abtriebsdrehzahlen <i>i</i>	Antriebsdrehzahlen <i>n₂ [r.p.m]</i>	Antriebsdrehzahlen <i>n₁ [r.p.m]</i>	Vinç sınıfı / Crane Class / Kranklasse*								Zul.Querkräfte (Abtrieb)	
									M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)		M6 (3m)	M7 (4m)	M8 (5m)		fs=1
10000	111,53	25	2800	VR773...	41,68	41,68	41,40	36,96	33,07	29,73	24,45	27,79	85593					
10100	128,81	22			36,17	36,17	36,17	32,79	29,42	26,53	22,43	24,35	89428					
10200	148,95	19			31,27	31,27	31,27	28,98	26,06	23,35	20,01	21,26	93362					
10200	166,50	17			28,02	28,02	28,02	26,34	23,72	21,30	18,49	19,05	96531					
10300	200,14	14			23,34	23,34	23,34	22,57	20,23	18,21	16,03	16,03	101946					
10400	233,77	12			20,03	20,03	20,03	20,03	17,76	16,03	14,29	13,89	106781					
18850	134,22	21	2800	VR873...	62,2	62,2	61,1	57,7	52,7	43,3	35,2	43,4	125610					
18960	152,83	18			54,6	54,6	53,8	51,6	47,1	39,5	32,1	38,3	117887					
19070	170,32	16			49,1	48,9	48,2	47,0	43,0	36,6	29,8	34,7	111776					

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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$n_1=1400$

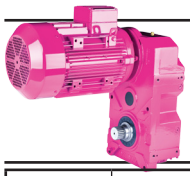


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment	Çevrim Oranı <i>Ratio</i> Übersetzung	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul. Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]										
430	25,44	55	1400	VR273...	3,54	3,54	3,54	3,46	2,90	2,31	1,84	2,61	24433
450	30,34	46			2,97	2,97	2,97	2,97	2,59	2,06	1,64	2,29	23616
450	36,38	38			2,49	2,49	2,49	2,49	2,28	1,84	1,46	1,93	28896
300	42,22	33			1,64	1,51	1,48	1,40	1,32	1,24	1,16	1,11	27195
305	50,36	28			1,43	1,28	1,25	1,19	1,12	1,05	0,99	0,95	26224
305	60,39	23			1,25	1,08	1,06	1,01	0,95	0,89	0,84	0,80	25324
310	73,03	20			1,08	0,93	0,88	0,85	0,80	0,75	0,71	0,68	23543
315	83,46	17			0,97	0,84	0,78	0,75	0,70	0,66	0,62	0,60	22478
320	96,09	15			0,88	0,76	0,68	0,66	0,62	0,58	0,55	0,53	26150
320	113,02	13			0,77	0,67	0,59	0,57	0,54	0,50	0,47	0,45	16237
320	120,49	12			0,74	0,64	0,55	0,54	0,51	0,48	0,45	0,43	18801
330	137,94	10			0,66	0,57	0,50	0,47	0,45	0,42	0,40	0,38	18017
615	23,58	59	1400	VR373...	5,72	5,63	5,24	5,13	4,48	3,57	2,85	4,03	16355
650	27,53	51			4,92	4,85	4,60	4,42	4,07	3,26	2,58	3,65	17150
685	32,11	44			4,24	4,17	4,04	3,80	3,68	2,94	2,34	3,30	17972
710	35,49	39			3,90	3,79	3,71	3,45	3,40	2,75	2,18	3,10	18521
725	41,42	34			3,42	3,26	3,22	2,98	2,93	2,49	1,99	2,72	19426
734	52,30	27			2,81	2,61	2,57	2,42	2,34	2,08	1,65	2,19	20794
740	57,79	24			2,56	2,37	2,33	2,23	2,13	1,96	1,55	1,99	21440
745	67,45	21			2,20	2,06	2,01	1,96	1,83	1,77	1,40	1,72	22472
750	79,34	18			1,88	1,79	1,72	1,69	1,57	1,54	1,26	1,48	23615
760	94,32	15			1,58	1,55	1,46	1,43	1,33	1,31	1,13	1,26	24901
760	106,69	13			1,40	1,40	1,29	1,27	1,20	1,16	1,05	1,13	25860
770	121,67	12			1,23	1,23	1,14	1,12	1,08	1,02	0,97	1,00	26929
1160	28,45	49	1400	VR473...	8,73	8,60	8,48	8,35	7,01	5,57	4,44	6,28	18517
1240	34,28	41			7,33	7,19	7,08	6,98	6,21	4,95	3,92	5,58	19567
1325	41,50	34			6,24	5,98	5,89	5,80	5,48	4,36	3,47	4,94	20690
1385	47,37	30			5,58	5,26	5,19	5,11	5,04	4,02	3,17	4,53	21515
1405	54,35	26			4,96	4,61	4,54	4,48	4,41	3,66	2,92	4,02	22386
1415	61,85	23			4,45	4,07	4,01	3,95	3,89	3,32	2,64	3,56	23298
1425	70,59	20			3,98	3,61	3,53	3,48	3,43	3,05	2,39	3,15	24271
1435	81,00	17			3,54	3,22	3,10	3,05	3,00	2,78	2,16	2,77	25301
1450	95,87	15			3,07	2,79	2,63	2,59	2,55	2,47	1,91	2,36	26632
1450	101,48	14			2,92	2,66	2,49	2,45	2,42	2,38	1,87	2,24	27026
1470	121,49	12			2,46	2,28	2,09	2,06	2,03	2,01	1,65	1,90	28518
1480	138,35	10			2,17	2,05	1,86	1,82	1,80	1,77	1,51	1,68	29642
2240	28,30	49	1400	VR573...	24,73	24,73	21,50	17,07	13,53	10,79	8,59	12,18	32600
2365	33,46	42			20,96	20,96	19,26	15,30	12,12	9,68	7,69	10,90	34258
2460	37,64	37			18,66	18,66	17,80	14,15	11,22	8,96	7,12	10,09	35477
2565	42,62	33			16,51	16,51	16,44	13,04	10,34	8,25	6,57	9,31	36805
2740	51,97	27			13,56	13,56	13,56	11,44	9,07	7,24	5,75	8,16	39040
2905	58,36	24			12,09	12,09	12,06	10,81	8,58	6,84	5,45	7,72	40329
3070	69,00	20			10,25	10,25	10,22	9,68	7,69	6,14	4,89	6,91	42373
3195	77,63	18			9,12	9,12	9,12	9,02	7,12	5,68	4,52	6,40	43880
3330	87,90	16			8,07	8,07	8,07	7,98	6,56	5,24	4,20	5,91	45490
3550	107,18	13			6,63	6,63	6,63	6,58	5,76	4,60	3,66	5,17	48281
3680	126,81	11			5,62	5,62	5,62	5,59	5,16	4,12	3,31	4,54	50699
3705	143,35	9,8			4,98	4,98	4,98	4,97	4,76	3,80	3,04	4,05	52588
3730	163,77	8,5			4,37	4,37	4,37	4,37	4,32	3,48	2,77	3,58	54725
7200	58,54	24	1400	VR673...	29,16	28,82	28,18	25,90	21,08	17,10	13,92	19,09	56546
7500	66,59	21			25,68	25,68	25,12	23,22	19,26	15,76	12,72	17,51	58772
7530	76,17	18			22,48	22,48	22,06	20,62	17,58	14,31	11,65	15,39	61142
7580	87,77	16			19,55	19,55	19,23	18,25	15,91	12,97	10,58	13,47	63779
7630	102,10	14			16,84	16,84	16,61	16,02	14,16	11,56	9,34	11,68	66897
7690	119,86	12			14,34	14,34	14,21	13,91	12,52	10,24	8,28	10,03	70267
7730	134,51	10			12,80	12,80	12,80	12,52	11,52	9,37	7,62	9,00	72759
7800	161,66	8,7			10,67	10,67	10,67	10,47	9,86	8,19	6,69	7,56	76902
7920	189,61	7,4			9,12	9,12	9,12	8,98	8,59	7,29	5,97	6,56	80701
8060	213,15	6,6			8,12	8,12	8,12	8,02	7,77	6,72	5,46	5,95	83646

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları

V Series Performance Tables

V Serien Leistungstabellen

$n_1=1400$

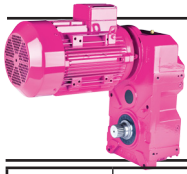


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>
					P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))								
					P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								
Nenn Drehmoment <i>Übersetzung</i>	i	Abtriebsdrehzahlen <i>n₂ [r.p.m]</i>	Antriebsdrehzahlen <i>n₁ [r.p.m]</i>	Typ	Vinç sınıfı / Crane Class / Kranklasse*								Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
10000	49,45	28	1400	VR773...	46,86	46,86	45,61	40,92	36,55	33,11	26,87	31,24	68691
10000	56,82	25			40,85	40,85	40,57	36,49	32,68	29,41	24,51	27,23	71559
10100	65,59	21			35,44	35,44	35,44	32,14	28,83	25,99	21,98	23,87	74801
10100	68,02	21			34,15	34,15	34,15	31,19	28,00	25,04	21,40	22,99	75633
10200	76,29	18			30,49	30,49	30,49	28,46	25,41	22,77	19,72	20,73	78299
10200	85,99	16			27,09	27,09	27,09	25,65	22,94	20,59	18,24	18,42	81094
10300	97,55	14			23,92	23,92	23,92	23,12	20,73	18,50	16,58	16,43	84302
10300	111,53	13			20,96	20,96	20,96	20,96	18,44	16,63	14,81	14,39	87996
10400	128,81	11			18,19	18,19	18,19	18,19	16,37	14,67	13,22	12,61	92048
10500	148,95	9,4			15,72	15,72	15,72	15,72	14,46	13,00	11,63	11,00	96482
10500	166,50	8,4			14,09	14,09	14,09	14,09	13,24	11,83	10,61	9,86	99944
10800	200,14	7,0			11,73	11,73	11,73	11,73	11,34	10,17	9,07	8,45	105994
11100	233,77	6,0			10,07	10,07	10,07	10,07	10,00	8,92	7,98	7,45	111312
18550	46,82	30	1400	VR873...	88,7	87,7	86,0	78,3	67,9	55,4	45,1	60,9	102531
18650	53,03	26			78,4	77,7	76,7	70,4	62,3	50,8	41,4	54,1	116460
18760	60,33	23			69,0	68,6	67,7	63,1	57,0	46,5	37,9	48,0	125889
18880	69,01	20			60,4	60,4	59,4	56,3	51,4	42,4	34,5	42,3	132750
18920	73,09	19			57,0	57,0	56,1	53,5	48,9	40,7	33,1	40,0	136405
19030	81,40	17			51,3	51,3	50,6	48,8	44,6	37,7	30,7	36,1	141051
19130	91,16	15			45,8	45,8	45,3	44,3	40,4	34,9	28,4	32,5	143570
19240	102,78	14			40,7	40,7	40,4	39,8	36,5	32,1	26,2	29,0	144128
19360	116,84	12			35,9	35,9	35,7	35,2	32,7	29,4	24,0	25,7	147568
19500	134,22	10			31,3	31,3	31,3	30,8	29,1	26,3	21,8	22,6	150242
19630	152,83	9,2			27,5	27,5	27,5	27,1	26,0	23,6	19,9	20,0	147823
19740	170,32	8,2			24,7	24,7	24,7	24,4	23,7	21,5	18,4	18,0	147350

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

$n_1=900$

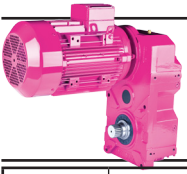


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment	Çevrim Oranı <i>Ratio</i> Übersetzung	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul. Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]										
455	25,44	35	900	VR273...	2,28	2,28	2,28	2,28	2,13	1,74	1,39	1,79	22649
460	30,34	30			1,92	1,92	1,92	1,92	1,85	1,56	1,24	1,52	21885
466	36,38	25			1,60	1,60	1,60	1,60	1,59	1,39	1,10	1,29	20798
310	42,22	21			1,17	1,01	0,97	0,93	0,88	0,82	0,77	0,74	19898
310	50,36	18			1,02	0,88	0,82	0,79	0,75	0,70	0,66	0,63	18590
320	60,39	15			0,89	0,77	0,69	0,67	0,63	0,59	0,56	0,53	17892
320	73,03	12			0,77	0,67	0,58	0,57	0,53	0,50	0,47	0,45	17448
325	83,46	11			0,69	0,60	0,52	0,50	0,47	0,44	0,42	0,40	16088
330	96,09	9,4			0,62	0,54	0,47	0,44	0,41	0,39	0,37	0,35	14969
330	113,02	8,0			0,53	0,48	0,41	0,37	0,36	0,34	0,32	0,30	14631
335	120,49	7,5			0,50	0,45	0,39	0,35	0,34	0,32	0,30	0,29	14113
340	137,94	6,5			0,44	0,41	0,35	0,31	0,30	0,28	0,26	0,25	13202
710	23,58	38	900	VR373...	3,78	3,69	3,61	3,35	3,31	2,67	2,12	3,01	15586
720	27,53	33			3,30	3,16	3,12	2,87	2,83	2,43	1,92	2,61	18161
730	32,11	28			2,92	2,74	2,67	2,52	2,46	2,18	1,74	2,27	19022
740	35,49	25			2,68	2,48	2,42	2,31	2,23	2,06	1,63	2,08	19603
740	41,42	22			2,30	2,13	2,10	2,03	1,91	1,86	1,48	1,79	20536
750	52,30	17			1,83	1,75	1,67	1,65	1,52	1,50	1,23	1,44	22016
750	57,79	16			1,65	1,60	1,52	1,50	1,39	1,36	1,15	1,31	22686
760	67,45	13			1,42	1,41	1,32	1,29	1,21	1,18	1,05	1,14	23770
770	79,34	11			1,21	1,21	1,12	1,11	1,06	1,01	0,94	0,98	24961
770	94,32	9,5			1,02	1,02	0,97	0,93	0,91	0,85	0,84	0,83	26293
780	106,69	8,4			0,90	0,90	0,87	0,83	0,82	0,76	0,74	0,74	27263
780	121,67	7,4			0,79	0,79	0,78	0,73	0,72	0,67	0,66	0,65	28345
1340	28,45	32	900	VR473...	5,90	5,63	5,52	5,45	5,21	4,16	3,32	4,68	21725
1400	34,28	26			5,03	4,68	4,62	4,56	4,48	3,69	2,94	4,07	22956
1420	41,50	22			4,28	3,90	3,85	3,78	3,73	3,25	2,60	3,42	24280
1430	47,37	19			3,82	3,49	3,38	3,34	3,27	3,00	2,39	3,02	25242
1440	54,35	17			3,41	3,10	2,97	2,92	2,88	2,75	2,18	2,66	26293
1450	61,85	15			3,05	2,78	2,61	2,58	2,53	2,47	1,96	2,35	27369
1460	70,59	13			2,71	2,48	2,30	2,27	2,24	2,21	1,81	2,08	28443
1470	81,00	11			2,37	2,20	2,02	1,99	1,96	1,93	1,64	1,83	29642
1480	95,87	9,4			2,00	1,92	1,74	1,69	1,66	1,64	1,45	1,56	31195
1490	101,48	8,9			1,89	1,82	1,65	1,59	1,57	1,55	1,40	1,48	31713
1500	121,49	7,4			1,59	1,57	1,42	1,34	1,33	1,30	1,24	1,25	33456
1530	138,35	6,5			1,40	1,40	1,28	1,18	1,17	1,15	1,14	1,13	34774
2580	28,30	32	900	VR573...	15,97	15,97	15,94	12,71	10,11	8,04	6,39	9,06	41451
2730	33,46	27			13,54	13,54	13,54	11,40	9,05	7,20	5,74	8,12	43597
2840	37,64	24			12,05	12,05	12,05	10,57	8,37	6,68	5,32	7,52	45175
2960	42,62	21			10,66	10,66	10,66	9,72	7,71	6,16	4,90	6,94	46895
3160	51,97	17			8,75	8,75	8,75	8,66	6,77	5,41	4,29	6,08	49777
3360	58,36	15			7,80	7,80	7,80	7,74	6,40	5,11	4,07	5,76	51578
3550	69,00	13			6,61	6,61	6,61	6,57	5,74	4,58	3,63	5,16	54241
3680	77,63	12			5,89	5,89	5,89	5,86	5,32	4,24	3,38	4,76	56208
3700	87,90	10			5,21	5,21	5,21	5,20	4,90	3,90	3,11	4,24	58352
3730	107,18	8,4			4,28	4,28	4,28	4,28	4,23	3,43	2,73	3,51	61938
3810	126,81	7,1			3,62	3,62	3,62	3,62	3,59	3,07	2,45	3,04	65160
3890	143,35	6,3			3,21	3,21	3,21	3,21	3,20	2,84	2,26	2,75	67612
3970	163,77	5,5			2,82	2,82	2,82	2,82	2,81	2,60	2,07	2,46	70379
7600	58,54	15	900	VR673...	18,82	18,82	18,47	17,62	15,39	12,66	10,26	13,00	76146
7600	66,59	14			16,57	16,57	16,42	15,81	14,16	11,60	9,34	11,45	79134
7700	76,17	12			14,51	14,51	14,37	14,11	12,92	10,55	8,57	10,15	82418
7700	87,77	10			12,61	12,61	12,61	12,38	11,47	9,52	7,68	8,83	85965
7800	102,10	8,8			10,86	10,86	10,86	10,67	9,98	8,49	6,91	7,70	89957
7900	119,86	7,5			9,25	9,25	9,25	9,08	8,66	7,48	6,06	6,64	94318
8000	134,51	6,7			8,26	8,26	8,26	8,18	7,88	6,90	5,63	6,00	97668
8300	161,66	5,6			6,88	6,88	6,88	6,88	6,69	6,00	4,88	5,19	103148
8500	189,61	4,7			5,87	5,87	5,87	5,87	5,77	5,34	4,38	4,54	108221
8600	213,15	4,2			5,23	5,23	5,23	5,23	5,14	4,85	4,00	4,09	112050

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları

V Series Performance Tables

V Serien Leistungstabellen

n₁=900

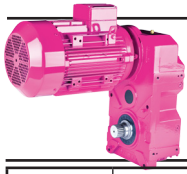


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>	
					Vinç sınıfı / Crane Class / Kranklasse*									Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1		
Nenn Drehmoment	Übersetzung	Abtriebsdrehzahlen	Antriebsdrehzahlen	Typ										
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]											
10200	49,45	18	900	VR773...	30,24	30,24	30,24	28,22	25,20	22,58	19,76	20,56	94310	
10200	56,82	16			26,36	26,36	26,36	25,13	22,49	20,21	17,92	17,92	98324	
10300	65,59	14			22,87	22,87	22,87	22,26	19,82	17,84	16,16	15,70	102640	
10300	68,02	13			22,03	22,03	22,03	21,59	19,39	17,33	15,57	15,13	103712	
10400	76,29	12			19,67	19,67	19,67	19,54	17,44	15,74	14,03	13,64	107232	
10400	85,99	10			17,48	17,48	17,48	17,48	15,85	14,21	12,70	12,12	111078	
10500	97,55	9,2			15,43	15,43	15,43	15,43	14,30	12,76	11,42	10,80	115271	
10600	111,53	8,1			13,52	13,52	13,52	13,52	12,71	11,45	10,27	9,55	119939	
10800	128,81	7,0			11,73	11,73	11,73	11,73	11,34	10,16	9,07	8,44	125111	
11000	148,95	6,0			10,14	10,14	10,14	10,14	10,00	8,99	8,04	7,43	130585	
11200	166,50	5,4			9,08	9,08	9,08	9,08	9,08	8,17	7,33	6,78	134939	
11500	200,14	4,5			7,56	7,56	7,56	7,56	7,56	7,01	6,25	5,80	142429	
11800	233,77	3,8			6,49	6,49	6,49	6,49	6,49	6,14	5,49	5,10	149105	
18920	46,82	19	900	VR873...	57,2	57,2	56,3	49,0	49,0	40,8	33,2	40,1	114944	
19030	53,03	17			50,6	50,6	49,9	48,3	44,1	37,4	30,5	35,7	122543	
19150	60,33	15			44,6	44,6	44,1	43,5	39,4	34,2	27,9	31,6	129498	
19280	69,01	13			39,0	39,0	38,7	38,2	35,2	31,2	25,4	27,9	132254	
19330	73,09	12			36,8	36,8	36,6	36,1	33,4	29,9	24,4	26,3	137090	
19440	81,40	11			33,1	33,1	33,1	32,5	30,5	27,6	22,6	23,8	138024	
19550	91,16	10			29,6	29,6	29,6	29,1	27,7	25,1	20,9	21,4	141659	
19670	102,78	8,8			26,3	26,3	26,3	25,9	25,0	22,7	19,3	19,1	144762	
19800	116,84	7,7			23,2	23,2	23,2	22,9	22,4	20,4	17,6	17,0	145661	
20230	134,22	6,7			20,2	20,2	20,2	20,0	19,8	18,1	16,0	15,1	148191	
20620	152,83	5,9			17,7	17,7	17,7	17,6	17,4	16,2	14,6	13,5	146529	
20960	170,32	5,3			15,9	15,9	15,9	15,9	15,7	14,8	13,3	12,4	145986	

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları
V Series Performance Tables
V Serien Leistungstabellen

$n_1=750$

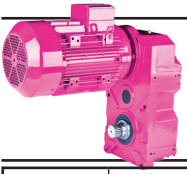


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment	Çevrim Oranı <i>Ratio</i> Übersetzung	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul.Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]										
460	25,44	29	750	VR273...	1,91	1,91	1,91	1,91	1,84	1,55	1,23	1,51	22157
470	30,34	25			1,60	1,60	1,60	1,60	1,59	1,38	1,10	1,29	20694
470	36,38	21			1,34	1,34	1,34	1,34	1,34	1,21	0,98	1,09	20127
315	42,22	18			1,02	0,88	0,82	0,79	0,74	0,70	0,65	0,63	19331
320	50,36	15			0,89	0,77	0,69	0,67	0,63	0,59	0,56	0,53	18038
320	60,39	12			0,77	0,67	0,58	0,57	0,53	0,50	0,47	0,45	17419
330	73,03	10			0,66	0,58	0,50	0,47	0,45	0,42	0,40	0,38	16268
330	83,46	9,0			0,59	0,52	0,45	0,42	0,40	0,37	0,35	0,34	19459
330	96,09	7,8			0,52	0,47	0,40	0,37	0,35	0,33	0,31	0,30	18171
340	113,02	6,6			0,44	0,41	0,36	0,31	0,31	0,28	0,27	0,26	17776
340	120,49	6,2			0,41	0,39	0,34	0,30	0,29	0,27	0,25	0,24	16576
340	137,94	5,4			0,36	0,35	0,31	0,26	0,25	0,24	0,22	0,21	20096
730	23,58	32	750	VR373...	3,25	3,08	3,04	2,83	2,76	2,37	1,88	2,58	16457
730	27,53	27			2,85	2,66	2,60	2,45	2,39	2,15	1,70	2,21	19182
740	32,11	23			2,47	2,28	2,26	2,15	2,05	1,95	1,53	1,92	20091
740	35,49	21			2,23	2,09	2,05	1,98	1,86	1,81	1,43	1,74	20704
750	41,42	18			1,92	1,84	1,76	1,74	1,59	1,57	1,31	1,51	21695
760	52,30	14			1,52	1,49	1,40	1,38	1,30	1,27	1,09	1,22	23257
760	57,79	13			1,38	1,38	1,28	1,25	1,19	1,15	1,03	1,10	23972
770	67,45	11			1,18	1,18	1,10	1,09	1,05	0,99	0,92	0,96	25107
770	79,34	9,5			1,01	1,01	0,96	0,92	0,91	0,84	0,83	0,82	26364
780	94,32	8,0			0,85	0,85	0,82	0,78	0,77	0,72	0,70	0,70	27740
780	106,69	7,0			0,75	0,75	0,75	0,70	0,68	0,64	0,63	0,62	28772
780	121,67	6,2			0,66	0,66	0,66	0,61	0,61	0,58	0,55	0,54	29907
1400	28,45	26	750	VR473...	5,04	4,69	4,64	4,58	4,49	3,67	2,92	4,08	27758
1420	34,28	22			4,32	3,93	3,88	3,81	3,76	3,27	2,60	3,44	28875
1430	41,50	18			3,66	3,33	3,21	3,17	3,13	2,89	2,29	2,87	30017
1440	47,37	16			3,28	2,98	2,84	2,79	2,75	2,66	2,12	2,54	31266
1450	54,35	14			2,91	2,65	2,48	2,45	2,42	2,37	1,92	2,23	32891
1460	61,85	12			2,57	2,37	2,20	2,15	2,13	2,10	1,75	1,98	33466
1470	70,59	11			2,26	2,12	1,93	1,90	1,87	1,84	1,61	1,75	35392
1480	81,00	9,3			1,97	1,89	1,71	1,66	1,64	1,62	1,47	1,54	36940
1500	95,87	7,8			1,67	1,63	1,49	1,42	1,39	1,37	1,30	1,32	38292
1500	101,48	7,4			1,58	1,56	1,42	1,34	1,32	1,30	1,25	1,25	39872
1530	121,49	6,2			1,32	1,32	1,22	1,13	1,11	1,09	1,08	1,07	42614
1540	138,35	5,4			1,17	1,17	1,09	0,99	0,98	0,96	0,95	0,94	44323
2740	28,30	27	750	VR573...	13,33	13,33	13,33	11,28	8,94	7,12	5,42	8,03	43741
2900	33,46	22			11,30	11,30	11,30	10,11	8,02	6,38	5,09	7,20	46057
3020	37,64	20			10,06	10,06	10,06	9,35	7,43	5,92	4,71	6,68	47720
3150	42,62	18			8,90	8,90	8,90	8,80	6,84	5,46	4,34	6,16	49541
3360	51,97	14			7,30	7,30	7,30	7,30	6,00	4,78	3,80	5,39	52586
3560	58,36	13			6,51	6,51	6,51	6,47	5,67	4,52	3,61	5,10	54489
3690	69,00	11			5,52	5,52	5,52	5,51	5,08	4,05	3,23	4,48	57304
3710	77,63	9,7			4,91	4,91	4,91	4,91	4,71	3,76	2,99	4,01	59377
3730	87,90	8,5			4,35	4,35	4,35	4,35	4,30	3,47	2,75	3,56	61639
3820	107,18	7,0			3,57	3,57	3,57	3,57	3,55	3,04	2,41	3,00	65426
3920	126,81	5,9			3,02	3,02	3,02	3,02	3,01	2,72	2,17	2,60	68835
4000	143,35	5,2			2,68	2,68	2,68	2,68	2,67	2,51	2,00	2,36	71427
4080	163,77	4,6			2,35	2,35	2,35	2,35	2,35	2,30	1,83	2,11	74350
7700	58,54	13	750	VR673...	15,70	15,70	15,56	14,99	13,56	11,13	8,99	10,99	80414
7700	66,59	11			13,83	13,83	13,83	13,45	12,32	10,18	8,30	9,68	83612
7800	76,17	9,8			12,10	12,10	12,10	11,88	11,00	9,24	7,48	8,58	87025
7800	87,77	8,5			10,52	10,52	10,52	10,33	9,76	8,42	6,79	7,46	90814
7900	102,10	7,3			9,06	9,06	9,06	8,90	8,57	7,50	6,10	6,51	95022
8100	119,86	6,3			7,72	7,72	7,72	7,65	7,44	6,60	5,33	5,68	99623
8300	134,51	5,6			6,89	6,89	6,89	6,89	6,70	6,07	4,95	5,20	103152
8500	161,66	4,6			5,74	5,74	5,74	5,74	5,63	5,27	4,33	4,43	108981
8700	189,61	4,0			4,90	4,90	4,90	4,90	4,81	4,59	3,83	3,88	114280
8900	213,15	3,5			4,37	4,37	4,37	4,37	4,29	4,17	3,53	3,53	118367

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları

V Series Performance Tables

V Serien Leistungstabellen

$n_1=750$

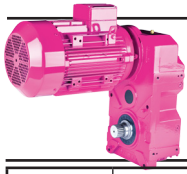


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>
					P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))								
					P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								
Nenn Drehmoment <i>Übersetzung</i>	i	Abtriebsdrehzahlen <i>n₂ [r.p.m]</i>	Antriebsdrehzahlen <i>n₁ [r.p.m]</i>	Typ	Vinç sınıfı / Crane Class / Kranklasse*								Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
10300	49,45	15	750	VR773...	25,24	25,24	25,24	24,23	21,71	19,35	17,50	17,33	99640
10300	56,82	13			22,00	22,00	22,00	21,56	19,21	17,31	15,55	15,11	103784
10400	65,59	11			19,09	19,09	19,09	19,09	17,05	15,27	13,74	13,23	108246
10400	68,02	11			18,39	18,39	18,39	18,39	16,55	14,83	13,36	12,75	109422
10500	76,29	9,8			16,42	16,42	16,42	16,42	14,99	13,46	12,04	11,49	113136
10500	85,99	8,7			14,58	14,58	14,58	14,58	13,61	12,15	10,89	10,21	117193
10600	97,55	7,7			12,88	12,88	12,88	12,88	12,19	10,99	9,87	9,10	121660
10800	111,53	6,7			11,28	11,28	11,28	11,28	10,90	9,78	8,80	8,12	126538
11100	128,81	5,8			9,79	9,79	9,79	9,79	9,72	8,68	7,76	7,24	131994
11300	148,95	5,0			8,46	8,46	8,46	8,46	8,46	7,67	6,88	6,37	137769
11500	166,50	4,5			7,58	7,58	7,58	7,58	7,58	7,02	6,26	5,81	142361
11900	200,14	3,7			6,31	6,31	6,31	6,31	6,31	6,01	5,38	5,00	150308
12100	233,77	3,2			5,41	5,41	5,41	5,41	5,41	5,27	4,73	4,36	157350
19090	46,82	16	750	VR873...	47,8	47,8	47,2	45,9	42,0	35,9	29,2	33,8	117255
19200	53,03	14			42,2	42,2	41,8	41,3	37,6	33,0	26,8	30,0	125257
19320	60,33	12			37,2	37,2	36,9	36,4	33,7	30,2	24,6	26,6	131759
19450	69,01	11			32,5	32,5	32,5	32,0	30,1	27,2	22,4	23,4	135735
19510	73,09	10			30,7	30,7	30,7	30,2	28,6	25,9	21,5	22,2	140100
19620	81,40	9,2			27,6	27,6	27,6	27,2	26,1	23,7	19,9	20,1	143577
19740	91,16	8,2			24,7	24,7	24,7	24,4	23,7	21,5	18,4	18,0	144234
19960	102,78	7,3			21,9	21,9	21,9	21,7	21,4	19,4	17,0	16,2	147036
20350	116,84	6,4			19,3	19,3	19,3	19,2	18,9	17,4	15,5	14,6	149464
20770	134,22	5,6			16,8	16,8	16,8	16,8	16,5	15,5	14,0	13,0	149785
21190	152,83	4,9			14,8	14,8	14,8	14,8	14,6	13,9	12,5	11,6	149571
21530	170,32	4,4			13,3	13,3	13,3	13,3	13,1	12,6	11,4	10,6	148625

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



V Serisi Performans Sayfaları
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n₁=450

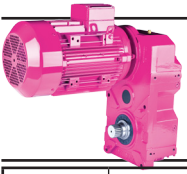


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment	Çevrim Oranı <i>Ratio</i> Übersetzung	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul. Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]										
480	25,44	18	450	VR273...	1,15	1,15	1,15	1,15	1,15	1,07	0,88	0,94	33017
485	30,34	15			0,96	0,96	0,96	0,96	0,96	0,92	0,78	0,80	32027
490	36,38	12			0,81	0,81	0,81	0,81	0,81	0,80	0,70	0,68	31558
325	42,22	11			0,68	0,59	0,51	0,49	0,46	0,43	0,41	0,39	30377
330	50,36	8,9			0,59	0,51	0,44	0,41	0,39	0,37	0,35	0,33	29356
330	60,39	7,5			0,49	0,45	0,39	0,35	0,33	0,31	0,29	0,28	28401
340	73,03	6,2			0,41	0,39	0,33	0,29	0,28	0,26	0,25	0,24	27064
340	83,46	5,4			0,36	0,35	0,30	0,26	0,25	0,23	0,22	0,21	25820
345	96,09	4,7			0,31	0,31	0,27	0,23	0,22	0,21	0,19	0,18	24644
350	113,02	4,0			0,27	0,27	0,24	0,21	0,19	0,18	0,17	0,16	22455
350	120,49	3,7			0,25	0,25	0,23	0,20	0,18	0,17	0,16	0,15	21517
355	137,94	3,3			0,22	0,22	0,20	0,18	0,16	0,15	0,14	0,13	20613
750	23,58	19	450	VR373...	2,02	1,91	1,85	1,83	1,68	1,66	1,34	1,59	19149
750	27,53	16			1,73	1,68	1,59	1,57	1,46	1,42	1,22	1,37	22373
760	32,11	14			1,48	1,47	1,38	1,34	1,27	1,23	1,09	1,19	23429
760	35,49	13			1,35	1,35	1,25	1,22	1,16	1,12	1,03	1,08	24148
770	41,42	11			1,15	1,15	1,07	1,06	1,02	0,96	0,94	0,94	25298
780	52,30	8,6			0,92	0,92	0,88	0,84	0,83	0,76	0,75	0,75	27102
780	57,79	7,8			0,83	0,83	0,80	0,76	0,75	0,70	0,68	0,68	27910
780	67,45	6,7			0,71	0,71	0,71	0,66	0,65	0,62	0,59	0,59	29216
780	79,34	5,7			0,61	0,61	0,61	0,56	0,56	0,54	0,51	0,50	30646
790	94,32	4,8			0,51	0,51	0,51	0,49	0,47	0,46	0,43	0,43	32249
790	106,69	4,2			0,45	0,45	0,45	0,43	0,42	0,41	0,38	0,38	33450
790	121,67	3,7			0,40	0,40	0,40	0,39	0,37	0,36	0,34	0,33	34780
1440	28,45	16	450	VR473...	3,27	2,97	2,83	2,78	2,74	2,62	2,09	2,53	26681
1460	34,28	13			2,78	2,53	2,35	2,32	2,29	2,26	1,86	2,13	28181
1470	41,50	11			2,30	2,15	1,96	1,94	1,90	1,87	1,63	1,78	29826
1480	47,37	9,5			2,02	1,92	1,75	1,70	1,68	1,66	1,51	1,57	30990
1490	54,35	8,3			1,76	1,71	1,56	1,49	1,46	1,45	1,38	1,38	32263
1500	61,85	7,3			1,55	1,53	1,39	1,31	1,30	1,27	1,24	1,22	33605
1530	70,59	6,4			1,36	1,36	1,25	1,15	1,14	1,12	1,11	1,10	35034
1540	81,00	5,6			1,19	1,19	1,11	1,01	1,00	0,98	0,97	0,96	36661
1540	95,87	4,7			1,00	1,00	0,96	0,87	0,85	0,84	0,82	0,81	38730
1540	101,48	4,4			0,95	0,95	0,92	0,83	0,80	0,79	0,78	0,77	39458
1550	121,49	3,7			0,80	0,80	0,79	0,72	0,67	0,67	0,65	0,65	41847
1550	138,35	3,3			0,70	0,70	0,70	0,64	0,59	0,59	0,58	0,57	43627
3250	28,30	16	450	VR573...	8,03	8,03	8,03	8,01	6,37	5,08	4,04	5,74	51068
3430	33,46	13			6,81	6,81	6,81	6,81	5,71	4,56	3,62	5,13	53708
3570	37,64	12			6,06	6,06	6,06	6,06	5,29	4,22	3,35	4,75	55650
3650	42,62	11			5,36	5,36	5,36	5,36	4,87	3,89	3,10	4,30	57775
3690	51,97	8,7			4,40	4,40	4,40	4,40	4,27	3,41	2,72	3,57	61328
3770	58,36	7,7			3,92	3,92	3,92	3,92	3,89	3,22	2,57	3,25	63544
3860	69,00	6,5			3,32	3,32	3,32	3,32	3,30	2,89	2,30	2,82	66829
3940	77,63	5,8			2,96	2,96	2,96	2,96	2,94	2,68	2,13	2,56	69246
4010	87,90	5,1			2,62	2,62	2,62	2,62	2,61	2,47	1,97	2,30	71889
4140	107,18	4,2			2,15	2,15	2,15	2,15	2,15	2,12	1,72	1,95	76308
4250	126,81	3,5			1,82	1,82	1,82	1,82	1,82	1,81	1,54	1,70	80275
4280	143,35	3,1			1,61	1,61	1,61	1,61	1,61	1,60	1,42	1,52	83294
4290	163,77	2,7			1,41	1,41	1,41	1,41	1,41	1,41	1,31	1,33	86710
7900	58,54	7,7	450	VR673...	9,46	9,46	9,46	9,29	8,86	7,82	6,36	6,79	93772
8000	66,59	6,8			8,33	8,33	8,33	8,25	7,95	7,11	5,83	6,06	97476
8200	76,17	5,9			7,29	7,29	7,29	7,22	7,09	6,49	5,30	5,43	101486
8400	87,77	5,1			6,34	6,34	6,34	6,34	6,22	5,76	4,78	4,84	105878
8600	102,10	4,4			5,46	5,46	5,46	5,46	5,36	5,06	4,27	4,27	110759
8800	119,86	3,8			4,64	4,64	4,64	4,64	4,56	4,39	3,76	3,72	116154
8900	134,51	3,3			4,14	4,14	4,14	4,14	4,11	3,96	3,47	3,35	120244
9200	161,66	2,8			3,45	3,45	3,45	3,45	3,45	3,39	3,01	2,89	127005
9400	189,61	2,4			2,95	2,95	2,95	2,95	2,95	2,89	2,71	2,52	133254
9600	213,15	2,1			2,63	2,63	2,63	2,63	2,63	2,58	2,43	2,29	137896

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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V Serisi Performans Sayfaları

V Series Performance Tables

V Serien Leistungstabellen

$n_1=450$

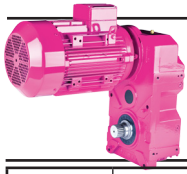


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>
					P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86))								
					P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								
Nenn Drehmoment <i>Übersetzung</i>	i	Abtriebsdrehzahlen <i>n₂ [r.p.m]</i>	Antriebsdrehzahlen <i>n₁ [r.p.m]</i>	Typ	Vinç sınıfı / Crane Class / Kranklasse*								Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
10500	49,45	9,1	450	VR773...	15,21	15,21	15,21	15,21	14,09	12,67	11,35	10,64	115764
10600	56,82	7,9			13,25	13,25	13,25	13,25	12,55	11,22	10,07	9,36	120578
10800	65,59	6,9			11,50	11,50	11,50	11,50	11,11	9,96	8,97	8,28	125805
10900	68,02	6,6			11,08	11,08	11,08	11,08	10,78	9,67	8,64	8,05	127124
11100	76,29	5,9			9,89	9,89	9,89	9,89	9,82	8,77	7,84	7,32	131487
11300	85,99	5,2			8,78	8,78	8,78	8,78	8,78	7,96	7,08	6,62	136198
11500	97,55	4,6			7,75	7,75	7,75	7,75	7,75	7,13	6,41	5,94	141381
11700	111,53	4,0			6,79	6,79	6,79	6,79	6,79	6,38	5,70	5,30	147049
12000	128,81	3,5			5,89	5,89	5,89	5,89	5,89	5,65	5,06	4,71	153436
12300	148,95	3,0			5,09	5,09	5,09	5,09	5,09	5,02	4,48	4,17	160141
12500	166,50	2,7			4,56	4,56	4,56	4,56	4,56	4,56	4,10	3,80	165523
12800	200,14	2,2			3,79	3,79	3,79	3,79	3,79	3,79	3,52	3,24	170000
13200	233,77	1,9			3,25	3,25	3,25	3,25	3,25	3,25	3,08	2,86	170000
19580	46,82	10	450	VR873...	28,8	28,8	28,8	28,4	27,0	24,5	20,5	20,9	117255
19710	53,03	8,5			25,4	25,4	25,4	25,1	24,3	22,1	18,8	18,6	125257
19900	60,33	7,5			22,4	22,4	22,4	22,2	21,8	19,8	17,2	16,5	129498
20310	69,01	6,5			19,6	19,6	19,6	19,5	19,2	17,7	15,7	14,8	135735
20480	73,09	6,2			18,5	18,5	18,5	18,4	18,1	16,8	15,1	14,0	140100
20820	81,40	5,5			16,6	16,6	16,6	16,6	16,3	15,3	13,8	12,8	140963
21170	91,16	4,9			14,9	14,9	14,9	14,9	14,6	13,9	12,6	11,7	144234
21560	102,78	4,4			13,2	13,2	13,2	13,2	13,0	12,6	11,4	10,5	147036
21980	116,84	3,9			11,6	11,6	11,6	11,6	11,5	11,3	10,2	9,5	147444
22450	134,22	3,4			10,1	10,1	10,1	10,1	10,1	9,9	9,1	8,4	149785
22900	152,83	2,9			8,9	8,9	8,9	8,9	8,9	8,7	8,1	7,5	149571
23280	170,32	2,6			8,0	8,0	8,0	8,0	8,0	7,9	7,4	6,9	147287

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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n₁=300

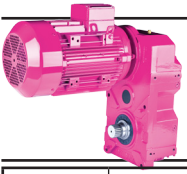


Anma Momenti <i>Nominal Torques</i> Nenn Drehmoment fs=1 [Nm]	Çevrim Oranı <i>Ratio</i> Übersetzung i	Çıkış Devri <i>Output Speeds</i> Abtriebsdrehzahlen n₂ [r.p.m]	Giriş Devri <i>Input Speeds</i> Antriebsdrehzahlen n₁ [r.p.m]	Tipi <i>Type</i> Typ	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i> Zul.Querkräfte (Abtrieb)
					Vinç sınıfı / Crane Class / Kranklasse*								
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1	
490	25,44	12	300	VR273...	0,77	0,77	0,77	0,77	0,77	0,77	0,68	0,65	22649
500	30,34	9,9			0,64	0,64	0,64	0,64	0,64	0,64	0,59	0,55	21885
500	36,38	8,3			0,54	0,54	0,54	0,54	0,54	0,54	0,50	0,47	20798
340	42,22	7,1			0,47	0,43	0,37	0,33	0,32	0,30	0,28	0,27	19898
340	50,36	6,0			0,39	0,37	0,32	0,28	0,27	0,25	0,24	0,23	18590
345	60,39	5,0			0,33	0,32	0,28	0,24	0,23	0,21	0,20	0,19	17892
350	73,03	4,1			0,27	0,27	0,24	0,21	0,19	0,18	0,17	0,16	17448
350	83,46	3,6			0,24	0,24	0,22	0,19	0,17	0,16	0,15	0,14	16088
360	96,09	3,1			0,21	0,21	0,20	0,17	0,15	0,14	0,13	0,13	15482
360	113,02	2,7			0,18	0,18	0,17	0,15	0,13	0,12	0,11	0,11	14631
365	120,49	2,5			0,17	0,17	0,16	0,14	0,12	0,12	0,11	0,10	14113
370	137,94	2,2			0,15	0,15	0,15	0,13	0,11	0,10	0,10	0,09	13202
760	23,58	13	300	VR373...	1,35	1,35	1,25	1,22	1,17	1,12	1,04	1,08	21565
770	27,53	11			1,16	1,16	1,07	1,06	1,02	0,96	0,93	0,94	25271
770	32,11	9,3			0,99	0,99	0,94	0,91	0,90	0,83	0,81	0,80	26453
780	35,49	8,5			0,90	0,90	0,86	0,82	0,81	0,76	0,74	0,74	27241
780	41,42	7,2			0,77	0,77	0,75	0,71	0,70	0,66	0,64	0,63	28515
780	52,30	5,7			0,61	0,61	0,61	0,57	0,56	0,54	0,51	0,50	30543
780	57,79	5,2			0,55	0,55	0,55	0,52	0,51	0,50	0,46	0,46	31455
790	67,45	4,4			0,48	0,48	0,48	0,46	0,44	0,43	0,40	0,40	32921
790	79,34	3,8			0,41	0,41	0,41	0,40	0,37	0,37	0,34	0,34	34543
790	94,32	3,2			0,34	0,34	0,34	0,34	0,32	0,31	0,30	0,28	36368
790	106,69	2,8			0,30	0,30	0,30	0,30	0,28	0,28	0,27	0,25	37731
800	121,67	2,5			0,27	0,27	0,27	0,27	0,25	0,24	0,24	0,22	39230
1470	28,45	11	300	VR473...	2,23	2,10	1,90	1,88	1,84	1,82	1,60	1,73	30084
1490	34,28	8,8			1,86	1,79	1,63	1,56	1,54	1,52	1,42	1,46	31779
1500	41,50	7,2			1,54	1,52	1,38	1,30	1,29	1,26	1,24	1,21	33638
1530	47,37	6,3			1,35	1,35	1,23	1,15	1,13	1,11	1,10	1,09	35120
1540	54,35	5,5			1,18	1,18	1,10	1,00	0,99	0,97	0,96	0,95	36752
1540	61,85	4,9			1,04	1,04	0,99	0,89	0,87	0,86	0,85	0,84	38325
1540	70,59	4,2			0,91	0,91	0,88	0,80	0,77	0,76	0,75	0,74	40022
1550	81,00	3,7			0,79	0,79	0,79	0,71	0,67	0,66	0,65	0,65	41860
1550	95,87	3,1			0,67	0,67	0,67	0,62	0,57	0,56	0,55	0,55	44199
1560	101,48	3,0			0,63	0,63	0,63	0,59	0,54	0,53	0,52	0,52	45022
1560	121,49	2,5			0,53	0,53	0,53	0,50	0,46	0,45	0,44	0,44	47696
1570	138,35	2,2			0,47	0,47	0,47	0,45	0,41	0,40	0,39	0,39	49735
3650	28,30	11	300	VR573...	5,37	5,37	5,37	5,37	4,87	3,88	3,09	4,31	57698
3680	33,46	9,0			4,55	4,55	4,55	4,55	4,36	3,48	2,77	3,68	60680
3710	37,64	8,0			4,05	4,05	4,05	4,05	4,04	3,22	2,56	3,30	62872
3780	42,62	7,0			3,58	3,58	3,58	3,58	3,58	2,97	2,36	2,97	65270
3890	51,97	5,8			2,94	2,94	2,94	2,94	2,95	2,61	2,07	2,51	69286
4010	58,36	5,1			2,62	2,62	2,62	2,62	2,61	2,46	1,96	2,31	71793
4120	69,00	4,3			2,22	2,22	2,22	2,22	2,22	2,20	1,76	2,01	75502
4200	77,63	3,9			1,98	1,98	1,98	1,98	1,98	1,96	1,63	1,82	78234
4270	87,90	3,4			1,75	1,75	1,75	1,75	1,75	1,74	1,50	1,64	81220
4290	107,18	2,8			1,43	1,43	1,43	1,43	1,43	1,43	1,32	1,35	86216
4330	126,81	2,4			1,21	1,21	1,21	1,21	1,21	1,21	1,18	1,16	90697
4390	143,35	2,1			1,08	1,08	1,08	1,08	1,08	1,08	1,06	1,04	94049
4470	163,77	1,8			0,94	0,94	0,94	0,94	0,94	0,94	0,94	0,93	97792
8400	58,54	5,1	300	VR673...	6,32	6,32	6,32	6,32	6,21	4,31	4,77	4,83	105884
8500	66,59	4,5			5,56	5,56	5,56	5,56	5,46	5,11	4,40	4,30	110097
8700	76,17	3,9			4,87	4,87	4,87	4,87	4,78	4,56	3,98	3,85	114606
8900	87,77	3,4			4,23	4,23	4,23	4,23	4,19	4,04	3,62	3,42	119596
9100	102,10	2,9			3,64	3,64	3,64	3,64	3,61	3,55	3,21	3,02	125089
9400	119,86	2,5			3,10	3,10	3,10	3,10	3,10	3,05	2,82	2,65	131162
9500	134,51	2,2			2,77	2,77	2,77	2,77	2,77	2,72	2,57	2,39	135713
9800	161,66	1,9			2,30	2,30	2,30	2,30	2,30	2,26	2,18	2,05	143225
10000	189,61	1,6			1,97	1,97	1,97	1,97	1,97	1,95	1,90	1,79	150102
10200	213,15	1,4			1,75	1,75	1,75	1,75	1,75	1,75	1,72	1,62	155384

*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamaları kapsamaz.

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V Serisi Performans Sayfaları

V Series Performance Tables

V Serien Leistungstabellen

$n_1=300$

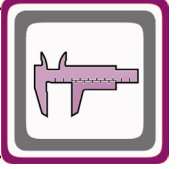
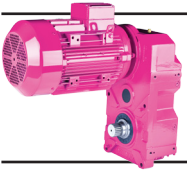


Anma Momenti <i>Nominal Torques</i>	Çevrim Oranı <i>Ratio</i>	Çıkış Devri <i>Output Speeds</i>	Giriş Devri <i>Input Speeds</i>	Tipi <i>Type</i>	P _e = Nominal Giriş Gücü [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Nominal Input Power [kW] (ISO 4301/1 (FEM 9.511/86)) P _e = Antriebsnennleistung [kW] (ISO 4301/1 (FEM 9.511/86))								Güv. Rad. Yük Çıkış <i>Per.O. Loads (Output)</i>	
					Vinç sınıfı / Crane Class / Kranklasse*									Zul.Querkräfte (Abtrieb)
					M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	fs=1		
Nenn Drehmoment	Übersetzung	Abtriebsdrehzahlen	Antriebsdrehzahlen	Typ										
fs=1 [Nm]	i	n ₂ [r.p.m]	n ₁ [r.p.m]											
11000	49,45	6,1	300	VR773...	10,17	10,17	10,17	10,17	10,03	8,95	8,07	7,46	130424	
11200	56,82	5,3			8,86	8,86	8,86	8,86	8,86	7,97	7,15	6,62	135847	
11500	65,59	4,6			7,68	7,68	7,68	7,68	7,68	7,07	6,35	5,89	141731	
11600	68,02	4,4			7,40	7,40	7,40	7,40	7,40	6,86	6,17	5,73	143264	
11800	76,29	3,9			6,61	6,61	6,61	6,61	6,61	6,26	5,59	5,20	148178	
12000	85,99	3,5			5,87	5,87	5,87	5,87	5,87	5,63	5,05	4,69	153485	
12200	97,55	3,1			5,18	5,18	5,18	5,18	5,18	5,08	4,56	4,21	159319	
12500	111,53	2,7			4,54	4,54	4,54	4,54	4,54	4,54	4,08	3,78	165751	
12800	128,81	2,3			3,93	3,93	3,93	3,93	3,93	3,93	3,62	3,36	170000	
13100	148,95	2,0			3,40	3,40	3,40	3,40	3,40	3,40	3,19	2,97	170000	
13300	166,50	1,8			3,04	3,04	3,04	3,04	3,04	3,04	2,92	2,70	170000	
13700	200,14	1,5			2,53	2,53	2,53	2,53	2,53	2,53	2,50	2,31	170000	
14000	233,77	1,3			2,17	2,17	2,17	2,17	2,17	2,17	2,17	2,03	170000	
20370	46,82	6,4	300	VR873...	19,3	19,3	19,3	19,1	18,9	17,4	15,5	14,5	117255	
20740	53,03	5,7			17,0	17,0	17,0	17,0	16,7	15,7	14,1	13,1	125257	
21150	60,33	5,0			15,0	15,0	15,0	15,0	14,8	14,0	12,6	11,7	131759	
21570	69,01	4,3			13,1	13,1	13,1	13,1	12,9	12,5	11,3	10,5	135735	
21770	73,09	4,1			12,4	12,4	12,4	12,4	12,2	11,9	10,7	10,0	140100	
22130	81,40	3,7			11,1	11,1	11,1	11,1	11,0	10,8	9,8	9,1	143577	
22510	91,16	3,3			9,9	9,9	9,9	9,9	9,9	9,7	8,9	8,3	144234	
22920	102,78	2,9			8,8	8,8	8,8	8,8	8,8	8,7	8,1	7,5	147036	
23380	116,84	2,6			7,8	7,8	7,8	7,8	7,8	7,7	7,2	6,7	149464	
23870	134,22	2,2			6,8	6,8	6,8	6,8	6,8	6,7	6,4	6,0	149785	
24340	152,83	2,0			5,9	5,9	5,9	5,9	5,9	5,9	5,8	5,4	149571	
24730	170,32	1,8			5,3	5,3	5,3	5,3	5,3	5,3	5,2	4,9	148625	

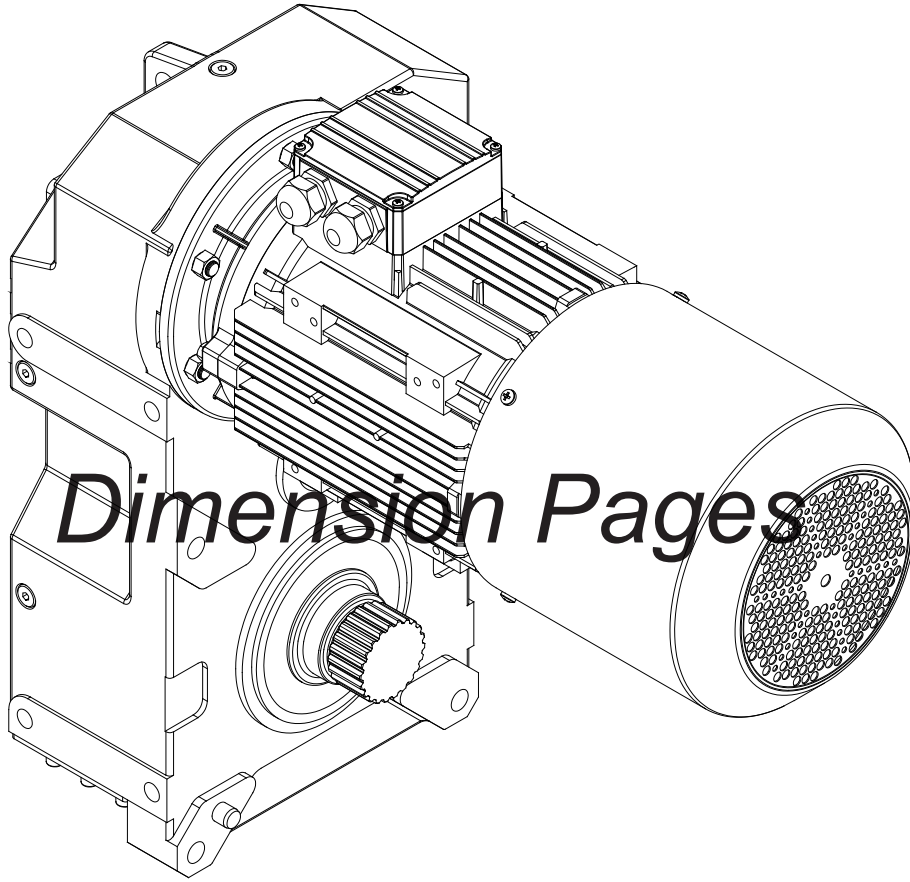
*Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamı kapsamaz.

*Crane Classes given only for gearboxes and must be calculated for other crane equipments.

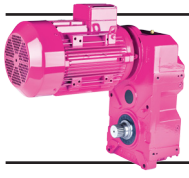
*Die in den Leistungs- und Drehzahl tabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



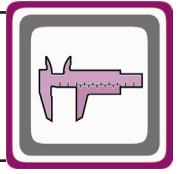
Ölçü Sayfaları



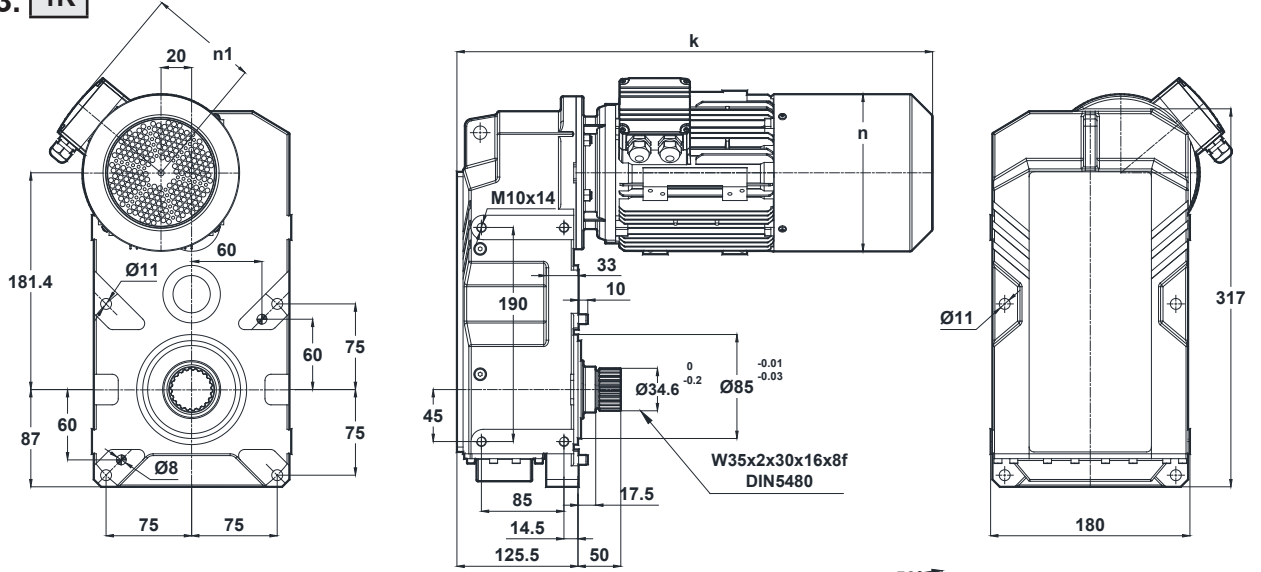
Abmessungsseiten



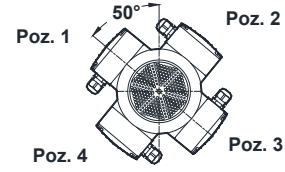
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR273. 1K



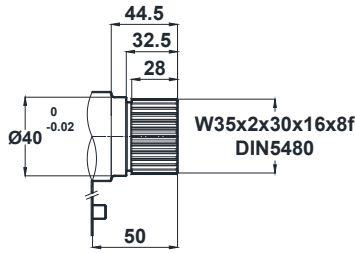
Motor Büyüklüğü / Motor Size / Motorbaugröße						
	63	71	80	90S	90L	100L
k	384	442	478	528	528	581
n	121	137	155	176	176	193
n1	97	112	121	132	132	147



63-71-80-90-100
Tip / Type / Typ

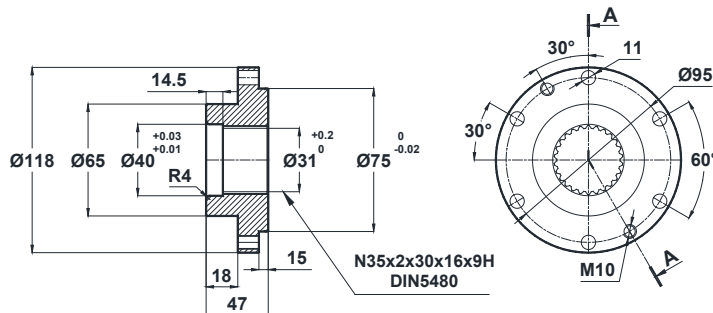
Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

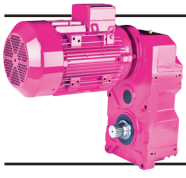
1K Standart / Standard / Standard



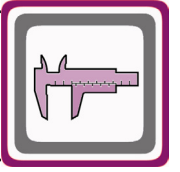
İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehöre

Kod / Code / Bezeichnung : GN25.V27.FK

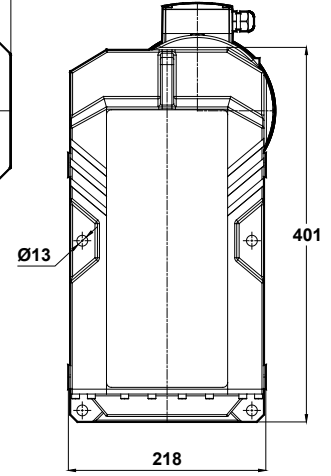
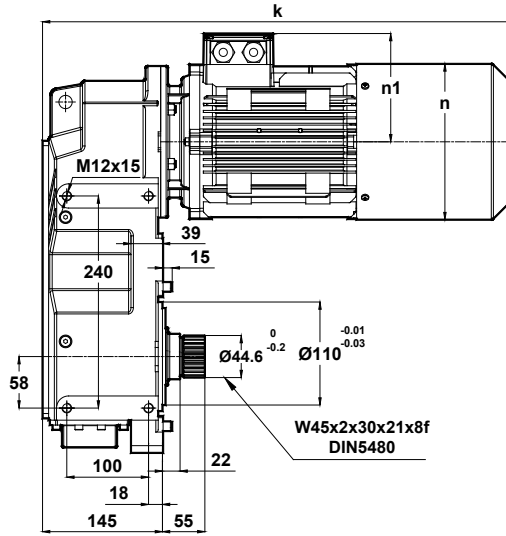
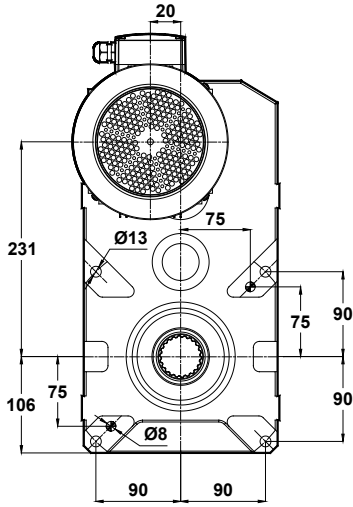




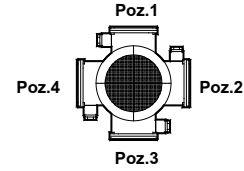
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR373. **1K**



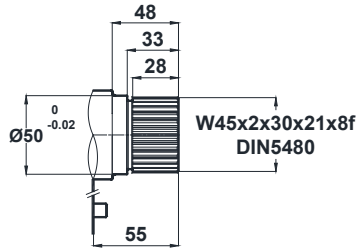
Motor Büyüklüğü / Motor Size / Motorbaugroße								
	71	80	90S	90L	100L	112M	132S	132M
k	456	492	542	542	595	615	723	723
n	137	155	176	176	193	215	257	257
n1	112	121	132	132	147	158	179	179



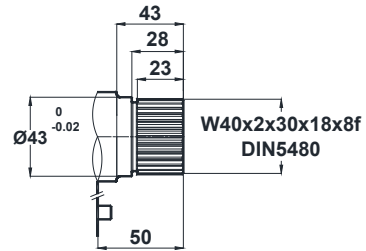
71-80-90-100-112-132
Tip / Type / Typ

Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

1K Standart / Standard / Standard

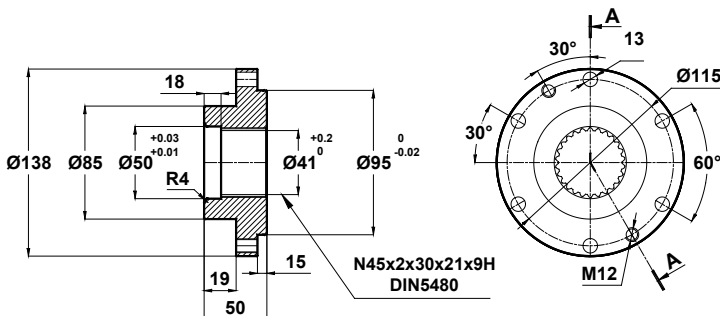


1L Opsiyonel / Optional / Auswählbar

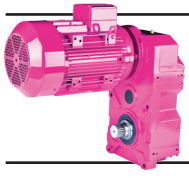


İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehöre

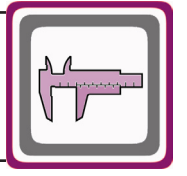
Kod / Code / Bezeichnung : GN25.V37.FK



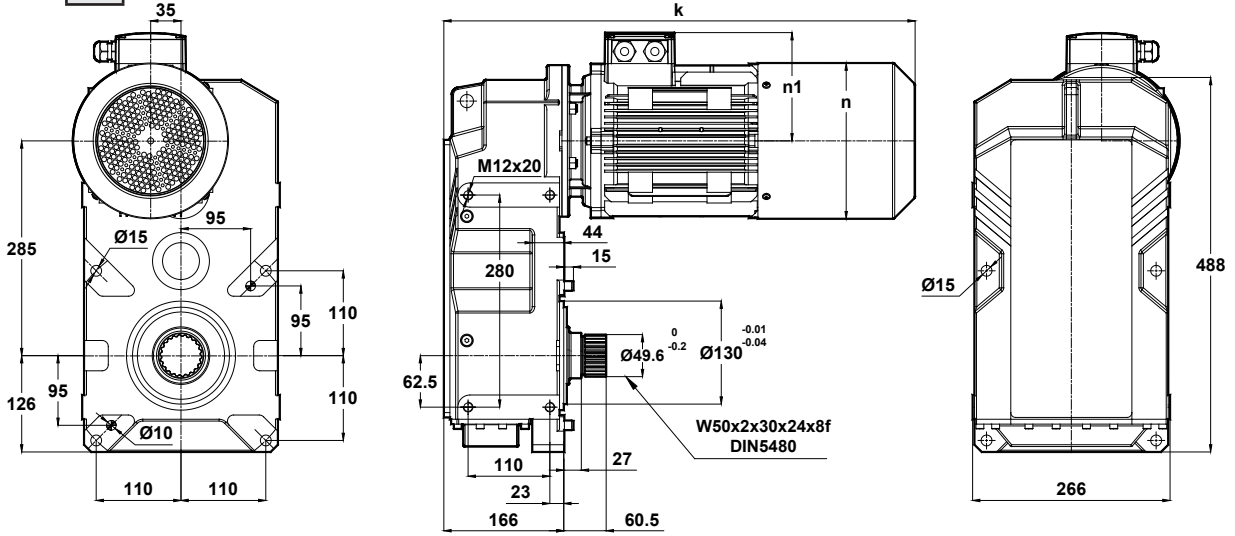
Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.



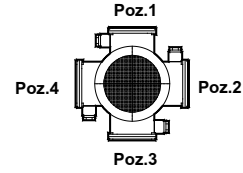
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR473. 1K



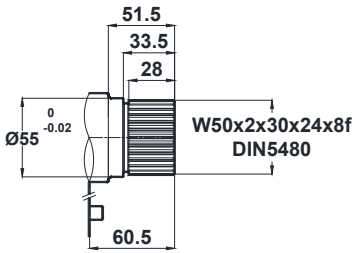
Motor Büyüklüğü / Motor Size / Motorbaugroße								
	90S	90L	100L	112M	132S	132M	160M	160L
k	554	554	607	627	739	739	853	853
n	176	176	193	215	257	257	315	315
n1	132	132	147	158	179	179	219	219



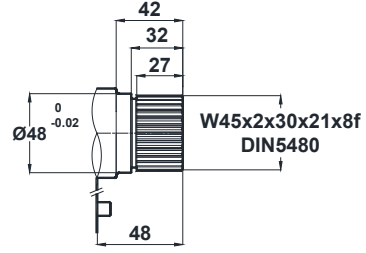
90-100-112-132-160
Tip / Type / Typ

Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

1K Standart / Standard / Standard

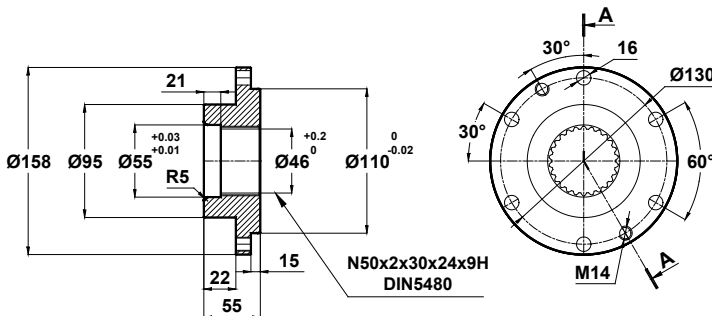


1L Opsiyonel / Optional / Auswählbar

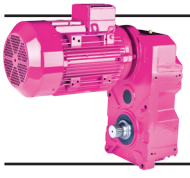


İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehöre

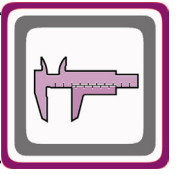
Kod / Code / Bezeichnung : GN25.V47.FK



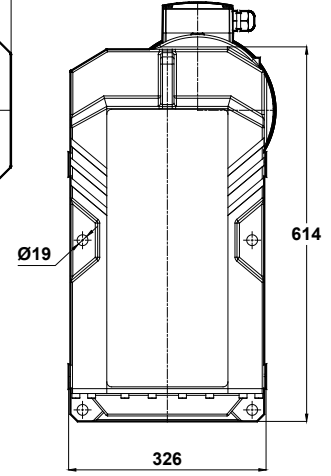
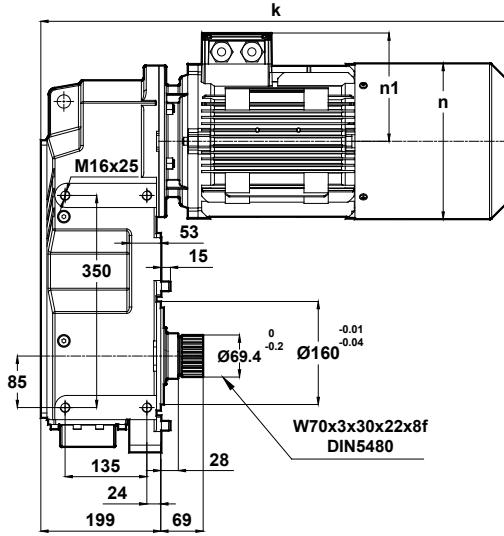
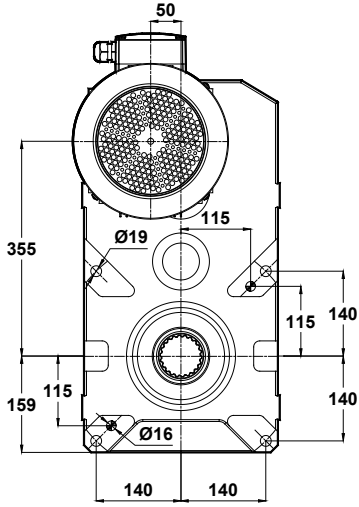
Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.



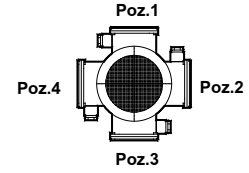
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR573. 1K



Motor Büyüklüğü / Motor Size / Motorbaugroße									
	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	578	628	648	759	759	873	873	955	955
n	176	193	215	257	257	315	315	347	347
n1	132	147	158	179	179	219	219	234	234

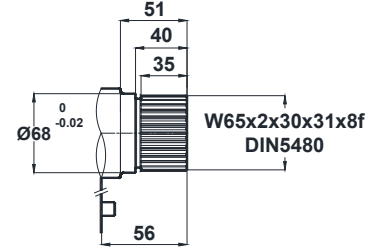
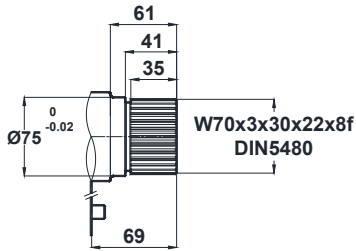


90-100-112-132-160-180
Tip / Type / Typ

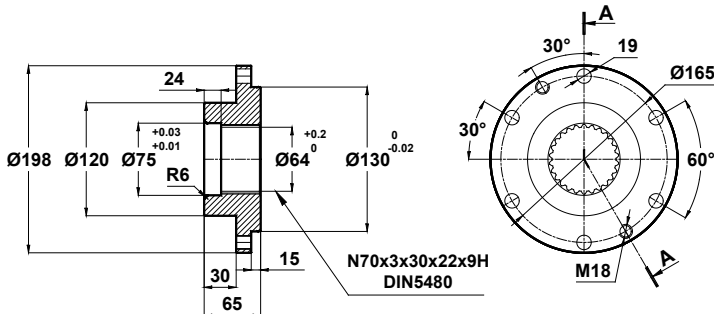
Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

1K Standart / Standard / Standard

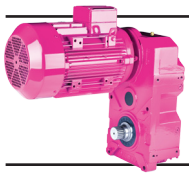
1L Opsiyonel / Optional / Auswählbar



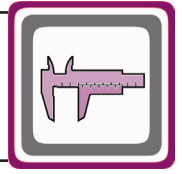
Kod / Code / Bezeichnung : GN25.V57.FK



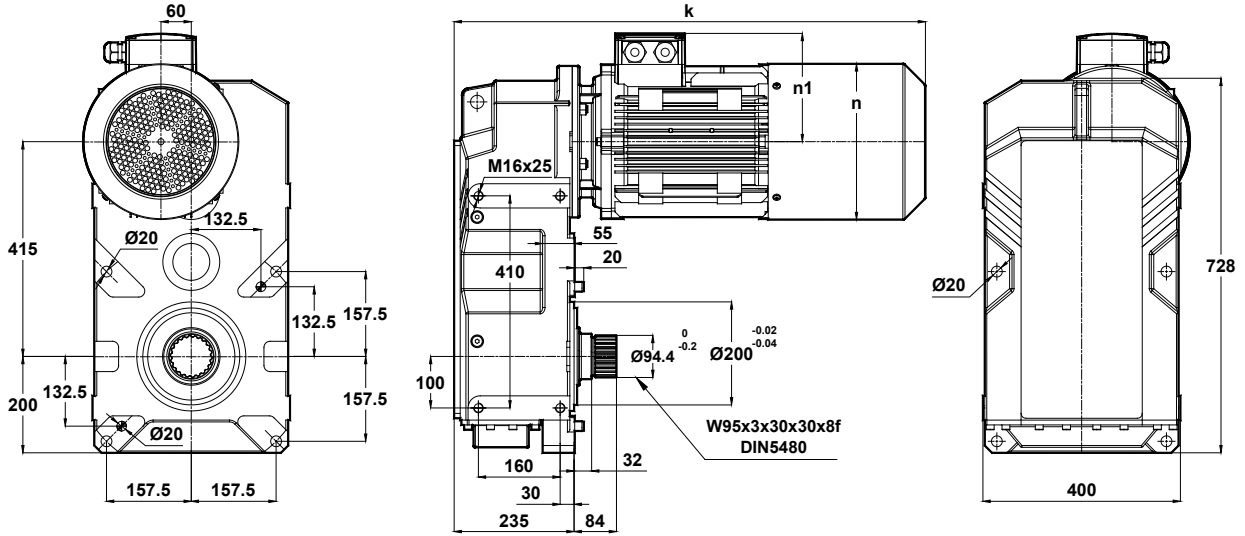
Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.



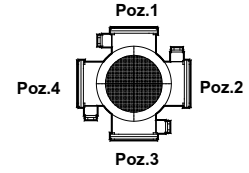
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR673.1K



Motor Büyüklüğü / Motor Size / Motorbaugroße									
	100L	112M	132S	132M	160M	160L	180M	180L	200L
k	656	676	788	788	902	902	984	984	1031
n	193	215	257	257	315	315	347	347	390
n1	147	158	179	179	219	219	234	234	275



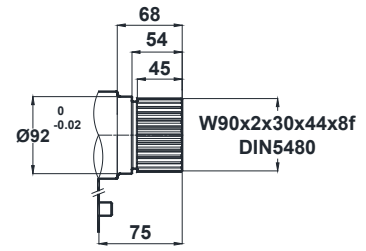
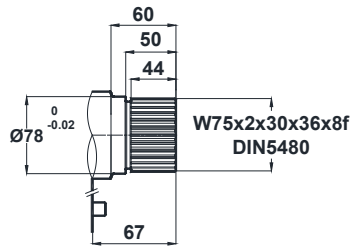
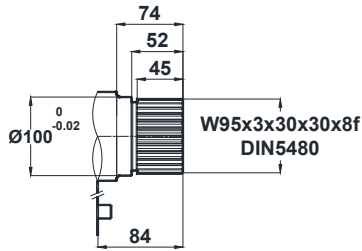
100-112-132-160-180-200
Tip / Type / Typ

Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

1K Standart / Standard / Standard

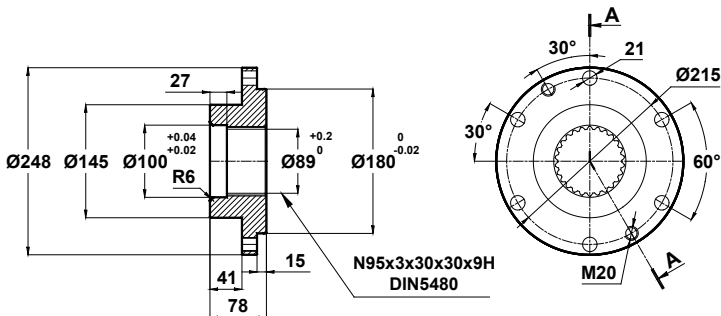
1L Opsiyonel / Optional / Auswählbar

1M Opsiyonel / Optional / Auswählbar

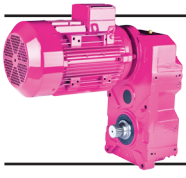


İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehör

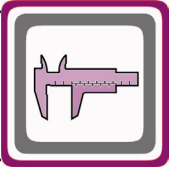
Kod / Code / Bezeichnung : GN25.V67.FK



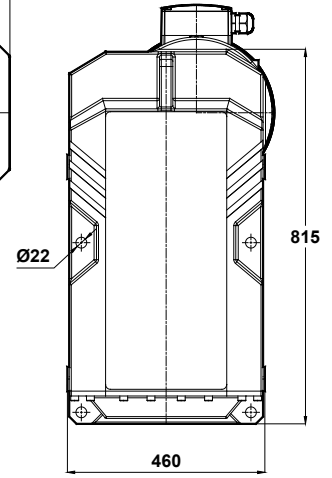
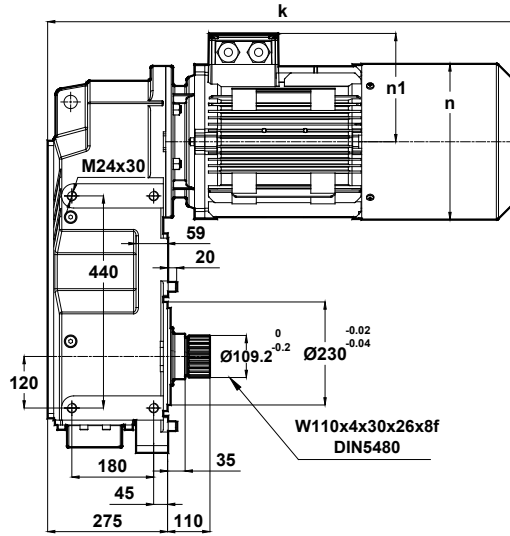
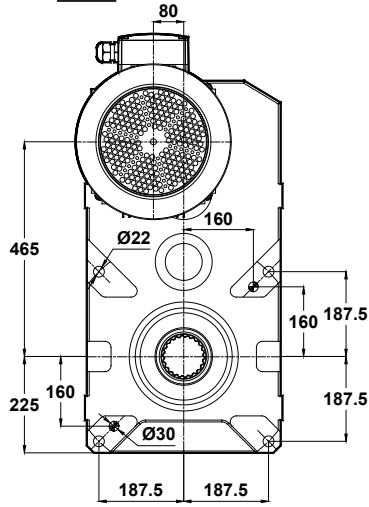
Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.



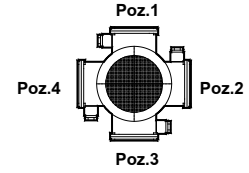
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR773. 1K



Motor Büyüklüğü / Motor Size / Motorbaugroße									
	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	821	821	935	935	1017	1017	1064	1143	1143
n	257	257	315	315	347	347	390	434	434
n1	179	179	219	219	234	234	275	285	285

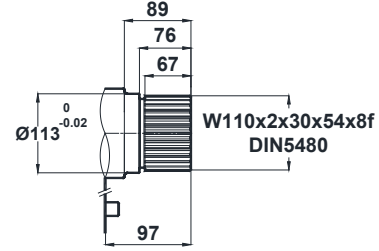
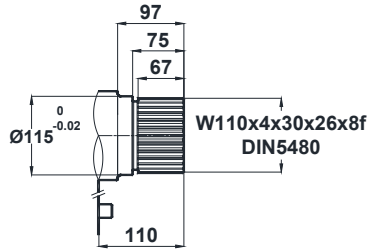


132-160-180-200-225
Tip / Type / Typ

Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

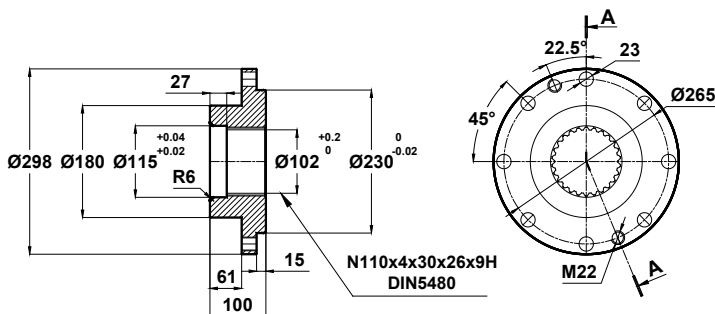
1K Standart / Standard / Standard

1L Opsiyonel / Optional / Auswählbar

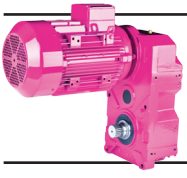


İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehör

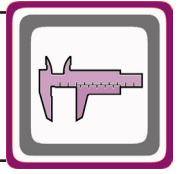
Kod / Code / Bezeichnung : GN25.V77.FK



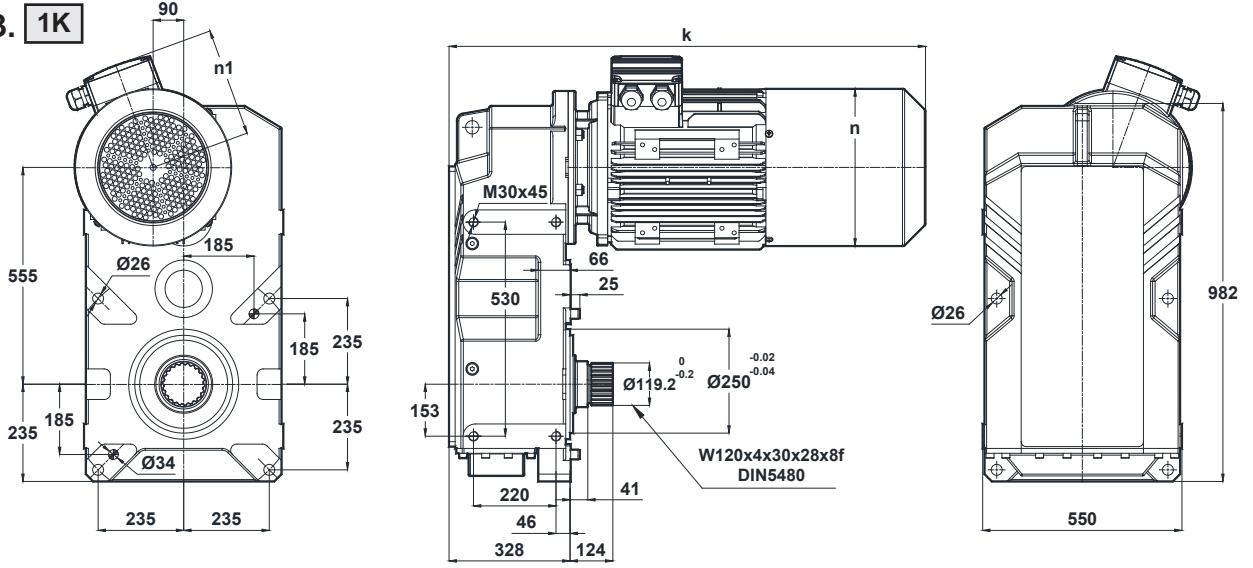
Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.



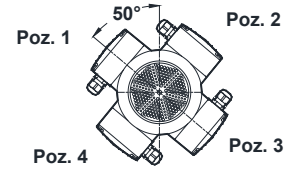
Ölçü Sayfaları Dimension Pages Abmessungsseiten



VR873. 1K



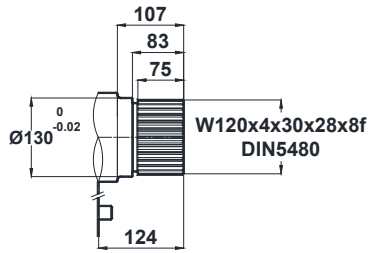
Motor Büyüklüğü / Motor Size / Motorbaugroße										
	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S
k	859	973	973	1055	1055	1131	1201	1201	1259	1393
n	257	315	315	347	347	390	434	434	480	544
n1	179	219	219	234	234	275	285	285	322	350



132-160-180-200-225
-250-280
Tip / Type / Typ

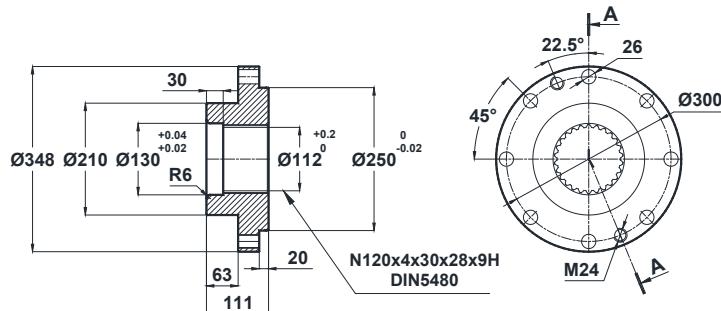
Mil Opsiyonları (DIN 5480) / Shaft Options (DIN 5480) / Auswählbare Wellen (DIN 5480)

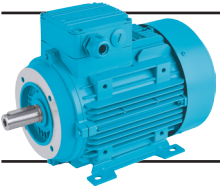
1K Standart / Standard / Standard



İlave Aksesuarlar / Additional Accessories / Zusätzliche Zubehör

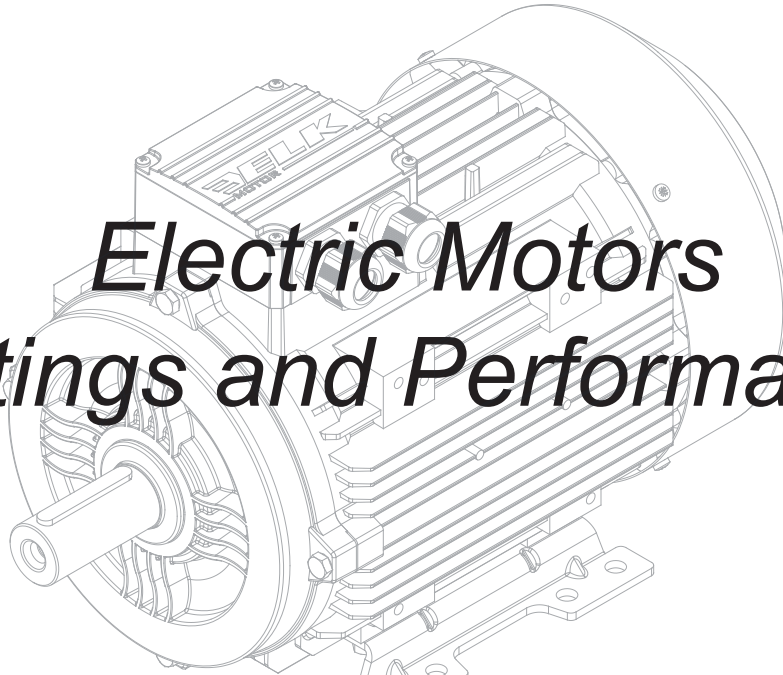
Kod / Code / Bezeichnung : GN25.V67.FK



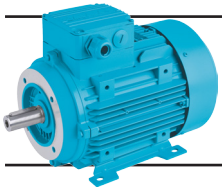


Elektrik Motorlarının Performans Deęerleri

*Electric Motors
Ratings and Performance*



Elektromotoren
Leistungsdaten



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

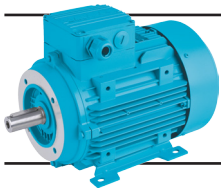
Elektromotoren Leistungsdaten



400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment	Atalet Momenti Moment of Inertia Trägheits- moment	B3 Motor Ağırlığı B3 Motor Gewicht	Ses Seviyesi Noise Level Geräusch- pegel
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E71M/2B	0,37	2830	0,86	1,25	0,81	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,2	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,2	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,6	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,6	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,0	59
3E100L/2C	3	2915	5,58	9,83	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,3	62
3E112M/2C	4	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00620	29,1	65
3E132S/2B	5,5	2945	9,9	17,83	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01730	44,4	67
3E132S/2C	7,5	2945	13,2	24,32	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02100	51,5	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,0	2,6	3,9	0,03320	114	69
3E160M/2C	15	2950	25,9	48,55	0,91	91,9	92,1	91,6	8,9	3,1	4,2	0,03910	131	69
3E160L/2D	18,5	2945	31,7	60,00	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04410	135	69
3E180M/2B	22	2957	38,1	71,05	0,90	92,7	92,9	92,0	8,6	2,6	3,9	0,06300	178	70
3E200L/2B	30	2970	52	96,46	0,89	93,6	93,8	93,6	8,9	3,2	3,5	0,16200	245	72
3E200L/2C	37	2970	62,6	119	0,91	93,7	93,8	93,4	9,3	3,2	3,4	0,17500	270	72
3E225M/2C	45	2975	75,6	144,4	0,91	94,3	94,6	94,0	9,8	3,5	3,9	0,25400	380	74
3E250M/2C	55	2970	93,3	176,9	0,90	94,4	94,8	94,5	8,9	3,3	3,4	0,38000	480	75
3G280S/2	75	2985	127	240	0,90	94,7	94,6	94,0	8,0	2,9	3,2	0,62000	585	76
3G280M/2	90	2985	148	288	0,92	95,0	95,0	93,7	8,2	2,9	3,0	0,74000	645	76
3G315S/2	110	2985	186	353	0,90	95,2	95,2	94,0	8,0	2,5	3,0	1,20000	742	76
3G315M/2a	132	2985	223	423	0,90	95,4	95,4	94,1	8,0	2,4	3,5	1,40000	812	79
3G315M/2b	160	2985	265	513	0,91	95,6	95,6	94,2	8,0	2,5	3,0	1,50000	912	79



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

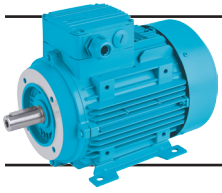
Elektromotoren Leistungsdaten



400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Volllastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment	Atalet Momenti Moment of Inertia Trägheits- moment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräusch- pegel
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,2	3,0	0,00082	6,8	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	3,1	0,00093	7,5	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,1	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,4	0,00227	11,6	50
3E90S/4C	1,1	1450	2,46	7,25	0,76	84,5	84,3	82,0	7,0	2,6	3,6	0,00355	16,3	51
3E90L/4D	1,5	1450	3,3	9,88	0,77	85,3	85,2	83,0	7,2	2,8	3,8	0,00410	18,0	51
3E100L/4C	2,2	1450	4,65	14,49	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00780	24,4	53
3E100L/4D	3	1450	6,26	19,76	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00890	26,7	53
3E112M/4D	4	1460	8,05	26,16	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01430	33,9	58
3E132S/4C	5,5	1460	10,65	36	0,83	89,6	90,2	90,0	7,4	2,8	3,4	0,03060	53,4	61
3E132M/4D	7,5	1465	14,4	48,9	0,83	90,4	90,4	89,4	7,9	3,0	3,8	0,03420	59,5	61
3E160M/4C	11	1470	21	71,46	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07010	127	63
3E160L/4E	15	1470	28,7	97,45	0,82	92,1	92,4	91,9	7,8	2,8	3,6	0,08600	136	63
3E180M/4C	18,5	1475	35,0	119,8	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12900	173	64
3E180L/4D	22	1470	41,4	142,92	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14700	187	64
3E200L/4D	30	1475	54,5	194,20	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28400	258	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38200	320	66
3E225M/4D	45	1477	80	290,9	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	352	67
3E250M/4D	55	1482	95,3	354,4	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73400	470	68
3G280S/4	75	1485	133	482	0,86	95,0	94,9	94,4	7,6	2,9	3,0	1,11000	605	67
3G280M/4	90	1485	158	579	0,86	95,2	95,2	94,8	7,4	2,9	3,0	1,32000	665	67
3G315S/4	110	1487	194	707	0,86	95,4	95,2	95,0	7,4	2,4	3,0	2,5000	861	74
3G315M/4a	132	1487	230	848	0,87	95,6	95,4	95,3	7,4	2,4	3,0	2,8000	882	74
3G315M/4b	160	1488	275	1027	0,88	95,8	95,6	95,6	6,9	2,2	2,9	3,0000	930	74



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

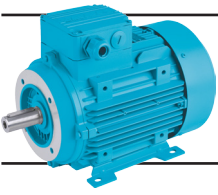
Elektromotoren Leistungsdaten



400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten								Kalkış Değerleri Starting Data Startdaten		Devrilme Momenti Breakdown Torque Kippmoment	Atalet Momenti Moment of Inertia Trägheitsmoment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräuschpegel
	Güç Power Leistung	Devir Speed Drehzahl	Akım Current Nennstrom	Moment Torque Drehmoment	Güç Faktörü Power Factor Leistungsfaktor	Verim % η Efficiency % η Wirkungsgrad % η			Akım Current Nennstrom	Moment Torque Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N				
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,7	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,5	41
3E80M/6B	0,37	930	1,03	3,8	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,8	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	10,6	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	14,6	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	17,0	46
3E100L/6B	1,5	955	3,5	15	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00820	22,5	50
3E112M/6B	2,2	965	4,95	21,7	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01320	27,2	56
3E132S/6B	3	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03050	46,5	58
3E132M/6C	4	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	3,0	0,03500	51,0	58
3E132M/6D	5,5	970	11,55	54,15	0,78	88,0	88,9	88,5	6,2	2,2	3,0	0,03940	56,0	58
3E160M/6D	7,5	972	15,55	73,68	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	135	61
3E160L/6E	11	972	22,9	108,07	0,77	90,3	90,9	90,5	6,6	2,9	3,3	0,08580	144	62
3E180L/6E	15	975	30,8	146,92	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15300	187	63
3E200L/6C	18,5	977	36,4	180,8	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	225	64
3E200L/6D	22	978	42,5	214,8	0,81	92,2	92,9	93,0	6,2	2,6	2,7	0,39400	245	64
3E225S/6C	30	985	57,6	290,8	0,81	92,9	92,9	92,6	6,6	2,6	2,7	0,64000	330	65
3E250M/6C	37	988	68,8	357,6	0,83	93,4	93,6	93,5	6,8	2,7	2,8	1,06000	450	65
3G280S/6	45	990	92	434	0,75	93,7	93,7	92,9	6,9	3,0	2,8	1,5000	553	65
3G280M/6	55	990	107	531	0,79	94,1	94,1	92,8	7,3	3,3	3,2	1,7000	578	65
3G315S/6	75	992	140	722	0,82	94,6	94,6	94,4	7,2	2,7	3,0	2,9000	805	72
3G315M/6a	90	992	166	866	0,83	94,9	94,9	94,5	7,2	2,7	3,0	3,5000	860	72
3G315M/6b	110	992	198	1058	0,84	95,1	95,1	94,9	7,2	2,7	3,0	4,2000	980	72
3G315L/6	132	992	235	1270	0,85	95,4	95,4	95,2	7,2	2,7	3,0	4,3000	1150	72
3G355M/6a	160	993	290	1538	0,83	95,6	95,6	95,0	7,0	2,4	3,2	6,8000	1185	72



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

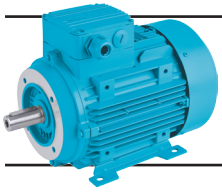


400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE2

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmoment M_K/M_N	Atalet Momenti Moment of Inertia Trägheitsmoment kgm^2	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht kg	Ses Seviyesi Noise Level Geräuschpegel dB(A)
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N				
G56/2b*	0,12	2800	0,35	0,41	0,74	64,5	64,1	56,9	4,2	2,5	2,8	0,00012	2,8	42
G63/2a*	0,18	2820	0,5	0,61	0,73	64,4	64,2	57,7	4,6	2,9	2,9	0,00011	3,6	52
G63/2b*	0,25	2840	0,67	0,84	0,63	67,3	67,1	60,9	4,5	2,5	2,9	0,00013	4,0	52
2E71M/2A	0,37	2790	0,9	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,5	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,3	54
2E80M/2A	0,75	2850	1,67	2,51	0,83	78,0	79,0	77,5	5,7	2,5	3,0	0,00089	8,7	56
2E80M/2B	1,1	2850	2,36	3,69	0,84	80,1	81,3	80,7	5,8	2,7	3,1	0,00103	9,7	56
2E90S/2A	1,5	2880	3,17	4,98	0,83	82,5	82,6	82,0	6,0	2,4	3,3	0,00152	14,1	60
2E90L/2B	2,2	2860	4,48	7,35	0,85	83,2	85,0	85,0	6,0	2,6	3,1	0,00178	15,5	60
2E100L/2B	3	2900	5,8	9,88	0,88	84,8	85,2	84,7	7,0	2,6	3,4	0,00380	20,8	63
2E112M/2A	4	2910	7,5	13,13	0,89	86,5	87,1	86,8	7,0	2,4	3,6	0,00530	25,7	66
2E132S/2A	5,5	2935	10,2	17,90	0,88	88,2	88,4	87,6	7,9	2,8	3,9	0,01550	41	68
2E132S/2B	7,5	2925	13,6	24,5	0,90	88,5	88,8	88,6	7,6	2,6	3,9	0,01730	45,2	68
2E160M/2A	11	2940	19,6	35,73	0,90	89,8	90,0	89,0	7,4	2,7	3,6	0,02920	107	70
2E160M/2B	15	2935	26,9	48,8	0,89	90,3	91,0	90,7	7,0	2,6	3,5	0,03320	113	70
2E160L/2C	18,5	2935	32,2	60,19	0,91	91,1	91,5	91,0	8,2	2,9	3,8	0,03910	130	70
2E180M/2A	22	2955	39,00	71,1	0,89	91,4	91,6	90,6	7,9	2,6	3,6	0,06300	163	71
2E200L/2A	30	2965	52	96,63	0,90	92,4	92,7	92,2	8,0	2,9	3,1	0,14600	230	74
2E200L/2B	37	2965	64	119,2	0,90	92,7	93,2	93,0	8,4	3,1	3,3	0,16200	240	75
2E225M/2B	45	2970	77,4	144,7	0,90	93,2	93,5	93,0	8,6	2,7	3,7	0,22000	310	75
2E250M/2B	55	2970	94,5	176,8	0,90	93,3	93,6	93,1	7,9	2,7	3,6	0,32800	440	77
2G280S/2	75	2980	127	240	0,91	93,9	94,1	92,5	8,0	2,9	3,2	0,62000	585	76
2G280M/2	90	2980	151	288	0,91	94,2	94,2	92,7	8,5	2,7	3,0	0,74000	645	76
2G315S/2	110	2980	186	353	0,91	94,3	94,3	92,8	8,0	2,5	3,0	1,20000	742	79
2G315M/2a	132	2980	223	423	0,90	94,6	94,5	92,9	8,0	2,5	3,0	1,40000	812	79
2G315M/2b	160	2980	266	513	0,92	94,8	94,8	93,4	8,0	2,5	3,0	1,50000	912	79

* : IE1 Verisi / IE1 Data / IE1 Daten



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Electric Motors Ratings and Performance

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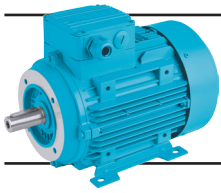


400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE2

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmoment	Atalet Momenti Moment of Inertia Trägheitsmoment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräuschpegel
	Güç Power Leistung	Devir Speed Drehzahl	Akım Current Nennstrom	Moment Torque Drehmoment	Güç Faktörü Power Factor Leistungsfaktor	Verim % η Efficiency % η Wirkungsgrad % η			Akım Current Nennstrom	Moment Torque Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N				
											M_K/M_N	kgm ²	kg	dB(A)
G63/4a*	0,12	1365	0,41	0,84	0,74	57,1	57,1	53,3	3,1	2,0	2,2	0,00017	3,4	43
G63/4b*	0,18	1340	0,6	1,28	0,73	59,7	59,7	55,8	2,9	2,0	2,0	0,00021	3,9	43
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,9	46
2E71M/4C	0,37	1425	1,0	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,7	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,7	50
2E80M/4C	0,75	1440	1,95	4,97	0,70	79,6	79,2	77,0	5,2	2,0	3,0	0,00200	10,5	50
2E90S/4B	1,1	1440	2,6	7,3	0,75	81,4	81,4	80,5	5,6	2,2	3,1	0,00281	14,4	52
2E90L/4C	1,5	1440	3,4	9,95	0,77	82,8	83,0	82,0	6,0	2,3	3,2	0,00356	17,2	52
2E100L/4B	2,2	1445	4,85	14,6	0,78	84,3	85,3	84,2	6,0	2,4	3,2	0,00634	22,7	54
2E100L/4C	3	1440	6,42	19,89	0,79	85,5	85,7	84,6	6,3	2,4	3,3	0,00775	24,2	54
2E112M/4C	4	1450	8,2	26,35	0,81	86,8	87,4	86,5	6,6	2,5	3,4	0,00122	32	58
2E132S/4B	5,5	1455	11,2	36,1	0,81	87,7	88,6	88,0	6,7	2,6	3,2	0,02520	47,8	62
2E132M/4C	7,5	1460	15,1	49	0,81	88,7	89,0	89,0	7,0	2,7	3,3	0,03060	54,8	62
2E160M/4B	11	1465	21,3	71,7	0,83	89,8	90,3	89,5	6,9	2,4	3,0	0,05800	114	65
2E160L/4C	15	1460	28,8	98,12	0,83	90,6	91,3	90,9	6,9	2,6	3,0	0,07000	132	65
2E180M/4B	18,5	1465	34,9	120,6	0,84	91,2	91,5	91,4	6,9	2,5	3,0	0,11100	158	65
2E180L/4C	22	1465	41,4	143,4	0,84	91,6	91,7	91,5	7,1	2,6	3,2	0,12900	174	65
2E200L/4C	30	1475	55,5	194,24	0,85	92,3	93,0	93,2	7,6	3,0	3,1	0,23300	241	65
2E225S/4C	37	1475	66	239,5	0,87	93,0	93,8	93,8	7,8	3,0	3,1	0,33900	297	66
2E225M/4C	45	1475	80	291,4	0,87	93,1	94,0	94,3	7,8	3,0	3,0	0,38200	333	66
2E250M/4C	55	1478	95,5	355,4	0,89	93,5	94,3	94,4	7,9	3,2	3,0	0,62400	430	68
2G280S/4	75	1485	133	482	0,87	94,0	94,1	93,4	7,9	2,6	2,8	1,11000	605	67
2G280M/4	90	1485	158	579	0,87	94,3	94,5	93,8	7,4	2,9	3,0	1,32000	665	67
2G315S/4	110	1485	195	707	0,86	94,5	94,5	93,8	7,0	2,3	2,6	2,10000	784	74
2G315M/4a	132	1485	235	849	0,86	94,7	94,5	93,8	7,0	2,3	2,6	2,50000	861	74
2G315M/4b	160	1485	280	1029	0,87	95,0	94,9	94,0	7,0	2,3	2,6	2,70000	882	74

* : IE1 Verisi / IE1 Data / IE1 Daten



Elektrik Motorlarının Performans Değerleri

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400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE2

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment M_K/M_N	Atalet Momenti Moment of Inertia Trägheits- moment kgm^2	B3 Motor Ağırlığı B3 Motor Gewicht kg	Ses Seviyesi Noise Level Geräusch- pegel dB(A)
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N				
2E71M/6B	0,18	920	0,6	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,9	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,6	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,1	45
2E80M/6B	0,55	932	1,5	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,9	45
2E90S/6A	0,75	940	2,0	7,62	0,71	75,9	76,1	73,1	4,1	2,0	2,6	0,00229	13,3	48
2E90L/6B	1,1	940	2,9	11,18	0,70	78,1	78,3	75,0	4,3	2,1	2,6	0,00354	14,8	48
2E100L/6A	1,5	950	3,72	15	0,73	79,8	80,2	79,5	4,5	2,1	2,6	0,00680	20,2	52
2E112M/6A	2,2	960	5,32	21,9	0,73	81,8	82,0	81,5	5,3	2,1	2,7	0,01170	25	56
2E132S/6A	3	970	6,85	29,6	0,76	83,3	84,0	83,0	5,6	2,0	2,8	0,02610	42	60
2E132M/6B	4	970	8,8	39,38	0,77	85,2	85,7	85,3	5,2	2,1	2,6	0,03050	46	60
2E132M/6C	5,5	965	12	54,4	0,77	86,0	87,2	87,0	5,7	2,1	2,7	0,03500	51	60
2E160M/6B	7,5	972	16,3	73,68	0,76	87,2	88,1	87,7	5,6	2,4	2,7	0,05700	113	63
2E160L/6D	11	970	22,95	108,3	0,78	88,7	90,0	89,9	6,0	2,5	2,9	0,07870	136	63
2E180L/6D	15	975	31	146,9	0,78	89,7	90,5	90,2	6,2	2,5	2,9	0,13500	175	64
2E200L/6B	18,5	977	36,5	180,8	0,81	90,4	90,5	90,7	6,3	2,5	2,6	0,30100	205	64
2E200L/6C	22	978	43	214,8	0,81	91,1	91,3	91,2	6,2	2,5	2,6	0,33400	215	64
2E225S/6B	30	980	57,6	292,2	0,82	91,7	91,8	90,8	6,6	2,6	2,7	0,62800	305	65
2E250M/6B	37	982	69,6	359,8	0,83	92,3	92,6	92,5	6,8	2,7	2,8	0,95000	390	66
2G280S/6	45	990	92	434	0,76	92,7	92,7	90,9	7,0	3,3	2,6	1,50000	553	65
2G280M/6	55	990	107	531	0,80	93,1	93,1	91,5	7,0	3,3	2,6	1,60000	578	65
2G315S/6	75	990	140	723	0,82	93,7	93,7	92,4	7,0	2,5	3,0	2,50000	727	72
2G315M/6a	90	990	166	868	0,83	94,0	94,0	92,6	7,0	2,5	3,0	3,10000	805	72
2G315M/6b	110	990	198	1061	0,85	94,3	94,3	92,7	7,0	2,5	3,0	3,20000	860	72
2G315L/6a	132	990	235	1273	0,86	94,6	94,6	93,0	7,0	2,5	3,0	3,50000	1020	72
2G315L/6b	160	990	290	1543	0,84	94,8	94,8	93,2	7,0	2,5	3,0	3,80000	1120	72

