

Množstvo

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TPE2 65-180 N-A-F-A-BQQE-HDC



Poznámka: Obrázok produktu sa môže líšiť od skutočného produktu

Objednacie č.: [98437902](#)

Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter.

The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.

The shaft seal is according to EN 12756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2).

The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.

The product's minimum efficiency index (MEI) is greater or equal to 0.70. This is by the Commission Regulation (EU) considered as an indicative benchmark for best-performing water pump available on the market as from 1 January 2013.

An operating panel on the motor terminal box enables setting of required setpoint as well as setting of pump to "Min." or "Max." operation or to "Stop". The Grundfos Eye indicator on the operating panel provides visual indication of pump status:

- "Power on": Motor is running (rotating green indicator lights) or not running (permanently green indicator lights)
- "Warning": Motor is still running (rotating yellow indicator lights) or has stopped (permanently yellow indicator lights)
- "Alarm": Motor has stopped (flashing red indicator lights).

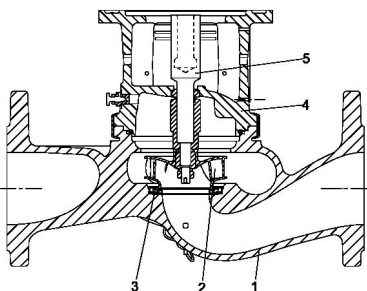
Communication with the pump is possible by means of Grundfos GO Remote (accessory). The remote control enables further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption".

Pump

Pump housing and pump head are electrocoated to improve the corrosion resistance.

Electrocoating includes:

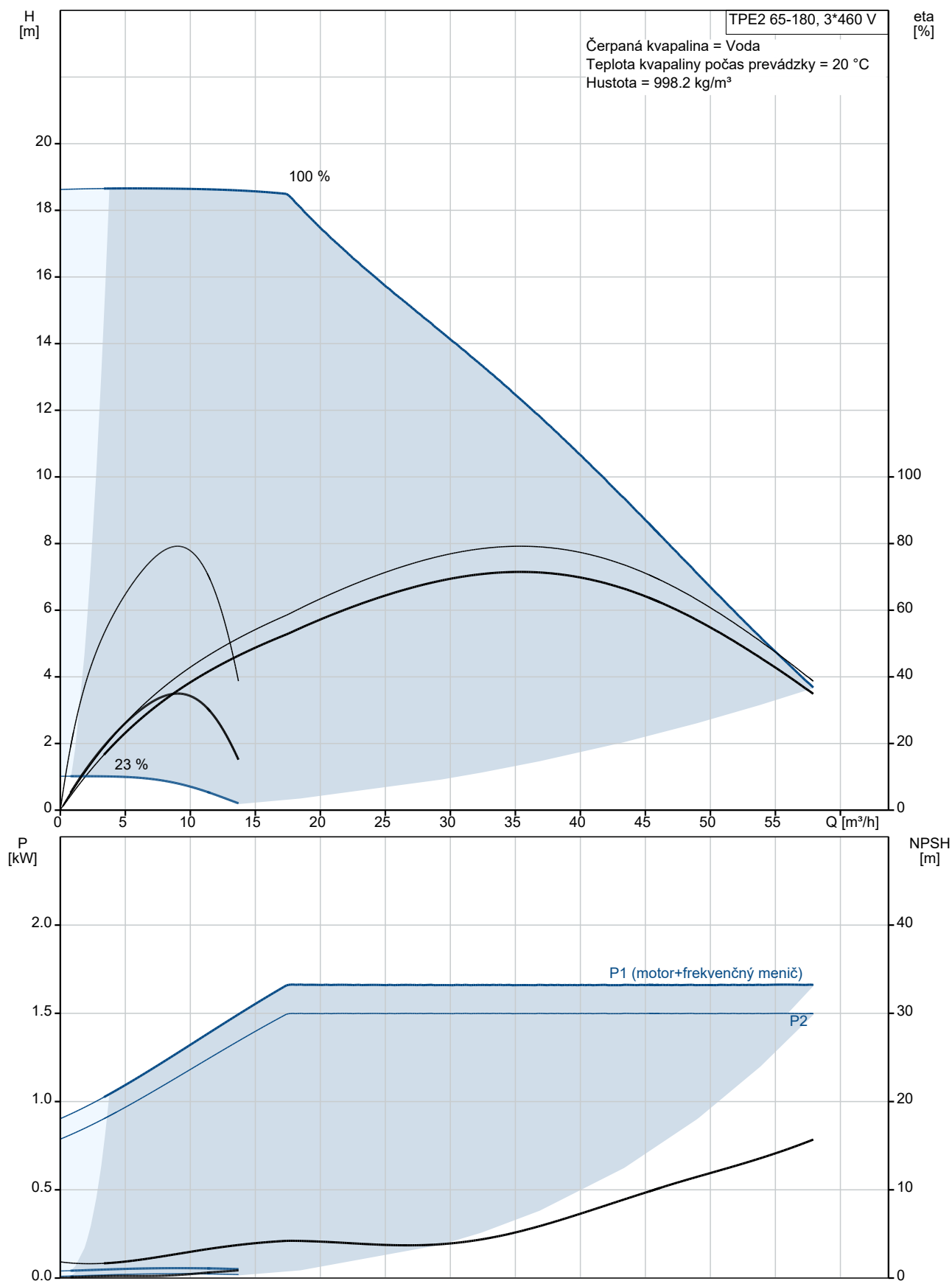
- 1) Alkaline-based cleaning.
- 2) Pretreatment with zinc phosphate coating.
- 3) Cathodic electrocoating (epoxy).
- 4) Curing of paint film at 200-250 °C.



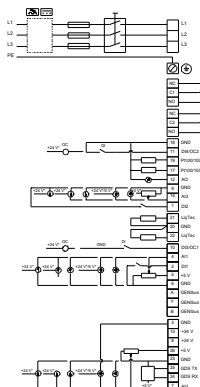
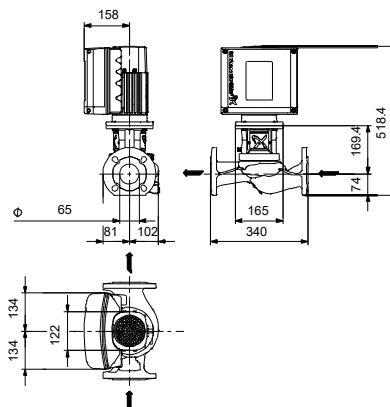
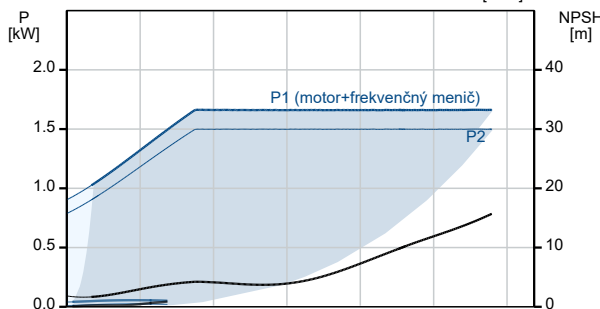
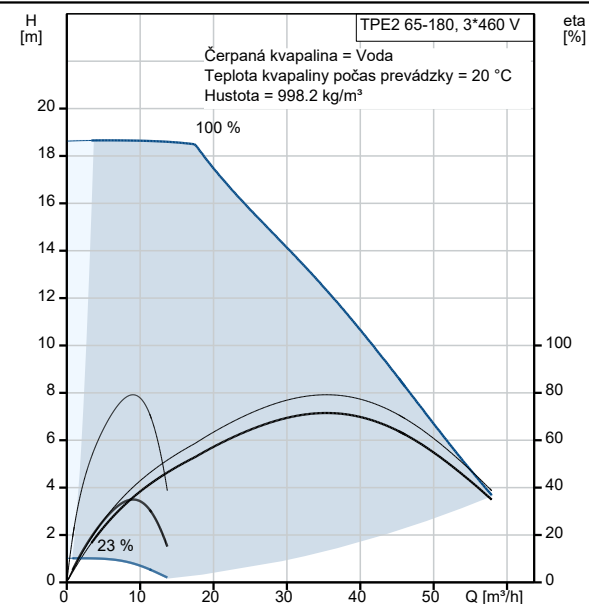
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	1: Pump housing 2: Impeller 3: Neck ring 4: Pump head/motor stool 5: Stub shaft The pump housing is provided with a replaceable stainless steel/PTFE neck ring to reduce the amount of liquid running from the discharge side of the impeller to the suction side. The impeller is secured to the shaft with a nut. The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft. Primary seal: - Rotating seal ring material: silicon carbide (SiC) - Stationary seat material: silicon carbide (SiC) This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles. Secondary seal material: EPDM (ethylene-propylene rubber) EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils. The motor stool forms connection between the pump housing and the motor, and is equipped with a manual air vent screw for venting of the pump housing and the shaft seal chamber. The sealing between motor stool and pump housing is an O-ring. The central part of the motor stool is provided with guards for protection against the shaft and coupling. The pump shaft is fastened directly on the motor shaft with key and set screws. Motor The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2. The motor requires no external motor protection. The motor control unit incorporates protection against slow- and quick-rising temperatures, e.g. constant overload and stalled conditions. Further product details Technical data Riadiace jednotky: Frequency converter: Built-in Kvapalina: Čerpaná kvapalina: Voda Rozsah teploty kvapaliny: -25 .. 120 °C Vybraná teplota kvapaliny: 20 °C Hustota: 998.2 kg/m³ Techn.: Menovitá otáčky čerp.: 4470 rpm Menovitý prietok: 37.2 m³/h Hlava čerpadla: 11.9 m Skutočný priemer obežného kolesa: 78 mm Hriadeľová upchávka: BQQE Toler. pásmo krivky: ISO9906:2012 3B2 Materiály: Teleso čerpadla: Šedá liatina EN-GJL-250 ASTM class 35 Obežné koleso: Kompozit PES+30% GF

Množstvo	Popis
	Inštalácia: Rozsah teploty okolia: -20 .. 50 °C Maximálny prevádzkový tlak: 10 bar Maximálny tlak pri danej teplote: 10 bar / 120 °C Druh pripojenia: DIN Veľkosť pripojenia: DN 65 PN pre potrubnú prípojku: PN 6/10 Pripojenie na prip.: 340 mm Príruba motora: 56C Elektrické údaje: Typ motora: 90SB Trieda účinnosti IE: IE5 P2: 1.5 kW f: 50 / 60 Hz U: 3 x 380-500 V Menovitý el. prúd: 3.05-2.50 A Cos phi: 0.90-0.83 n: 480-5900 rpm Účinnosť: 89.1% Eta 1/1: 89.1 % Krytie IP: IP55 Izolácia: F Výr.č. motora: 99138045 Iné: MEI â%¥: 0.7 Čistá hmotnosť: 30.8 kg Hrubá hmotnosť: 39.5 kg Prepravné množstvo: 0.16 m³ Fínčina: 4616303 Nórčina: 9043505 Krajina pôvodu: HU Tarifná klasifikácia č.: 84137051

98437902 TPE2 65-180 N-A-F-A-BQQE-HDC



Popis	Hodnota
Všeobecné informácie:	
Názov produktu:	TPE2 65-180 N-A-F-A-BQQE-HDC
Objednacie číslo:	98437902
Číslo EAN:	5711495010980
Techn.:	
Menovitá otáčky čerp.:	4470 rpm
Menovitý prietok:	37.2 m³/h
Hlava čerpadla:	11.9 m
Max. výtláčná výška:	180 dm
Skutočný priemer obežného kolesa:	78 mm
Hriadeľová upchávka:	BQQE
Toler. pásmo krivky:	ISO9906:2012 3B2
Verzia čerpadla:	A
Materiály:	
Teleso čerpadla:	Šedá liatina
Teleso čerpadla:	EN-GJL-250
Teleso čerpadla:	ASTM class 35
Obežné koleso:	Kompozit
Obežné koleso:	PES+30% GF
Kód materiálu:	A
Inštalácia:	
Rozsah teploty okolia:	-20 .. 50 °C
Maximálny prevádzkový tlak:	10 bar
Maximálny tlak pri danej teplote:	10 bar / 120 °C
Druh pripojenia:	DIN
Veľkosť pripojenia:	DN 65
PN pre potrubnú prípojku:	PN 6/10
Pripojenie na prip.:	340 mm
Príruba motora:	56C
Kód pripojenia:	F
Kvapalina:	
Čerpaná kvapalina:	Voda
Rozsah teploty kvapaliny:	-25 .. 120 °C
Vybraná teplota kvapaliny:	20 °C
Hustota:	998.2 kg/m³
Elektrické údaje:	
Typ motora:	90SB
Trieda účinnosti IE:	IE5
P2:	1.5 kW
f:	50 / 60 Hz
U:	3 x 380-500 V
Menovitý el. prúd:	3.05-2.50 A
Cos phi:	0.90-0.83
n:	480-5900 rpm
Účinnosť:	89.1%
Eta 1/1:	89.1 %
Krytie IP:	IP55
Izolácia:	F
Motorová ochrana:	ELEC
Výr.č. motora:	99138045
Riadiace jednotky:	
Ovládací panel:	HMI200 - Štandardný
Modul funkcií:	FM300 - Pokročilý
Frekvenčný menič:	Built-in
Iné:	
MEI â%¥:	0.7
Čistá hmotnosť:	30.8 kg





Názov spoločnosti: MAXTRA CONTROL s.r.o.

Vytvoril:

Telefón:

0317707561

Email:

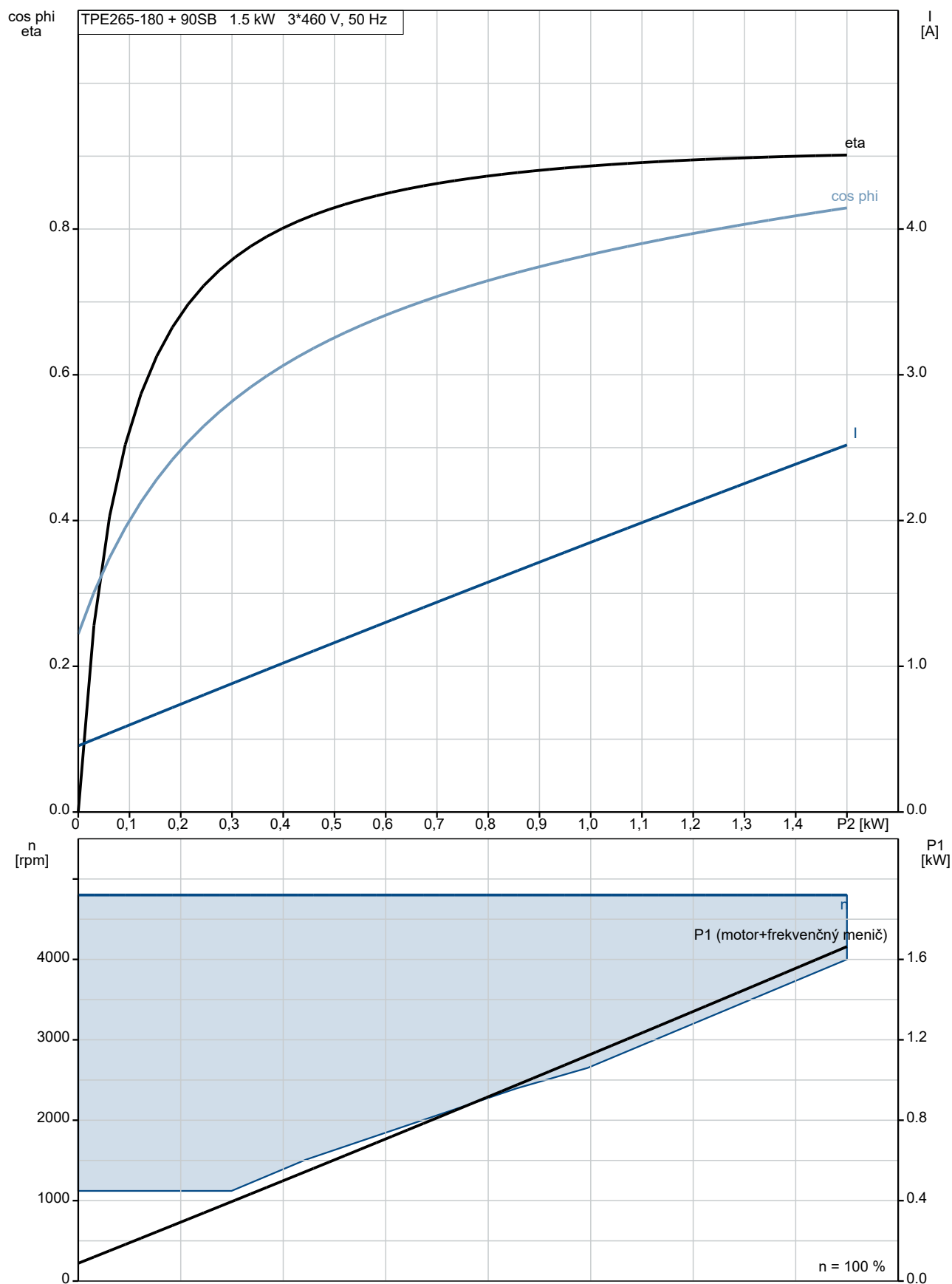
odbyt@maxtracontrol.sk

Dátum:

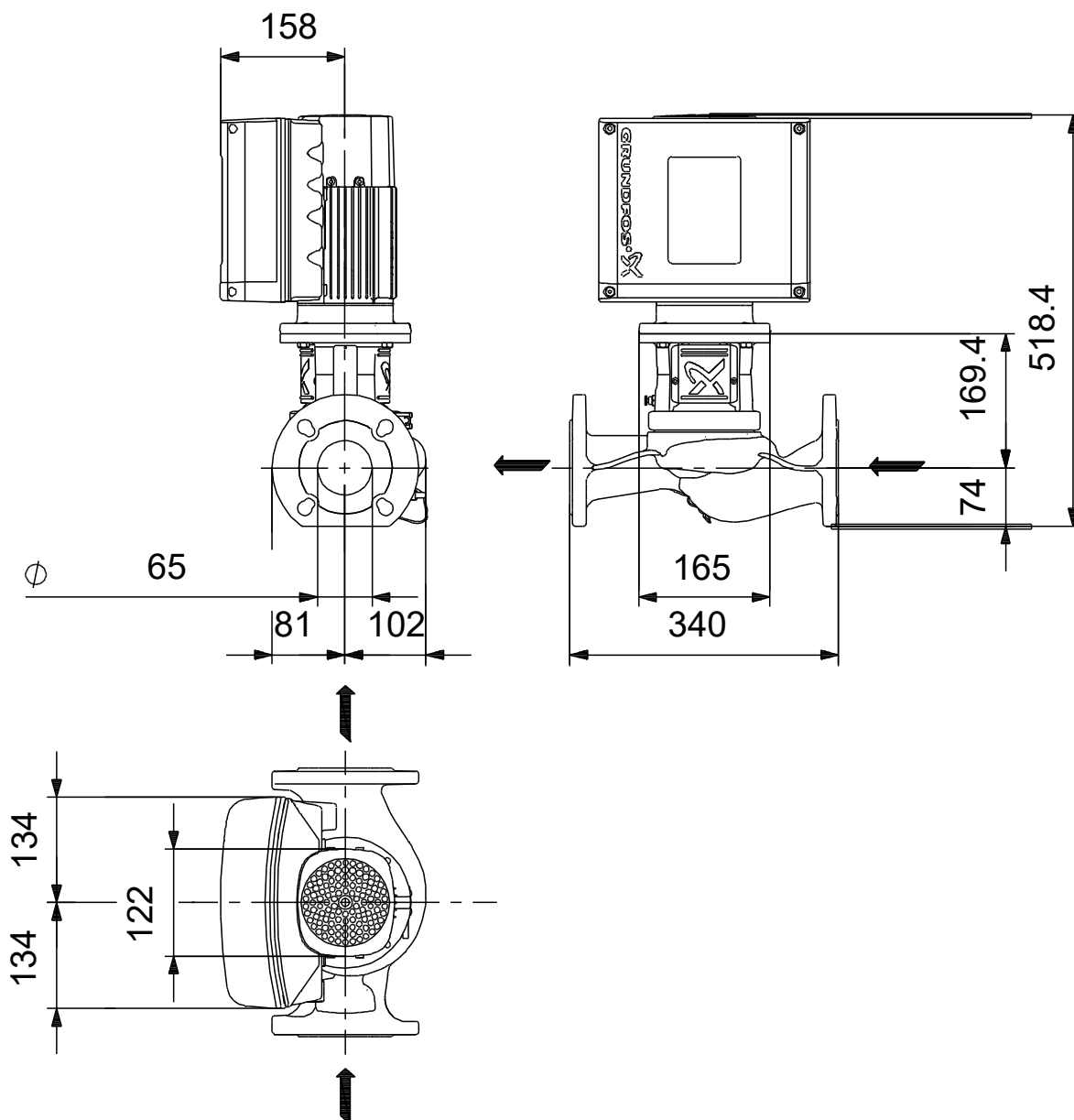
1.3.2021

Popis	Hodnota
Hrubá hmotnosť:	39.5 kg
Prepravné množstvo:	0.16 m ³
Číslo konfigur. Súboru:	98819265
Fínčina:	4616303
Nórčina:	9043505
Krajina pôvodu:	HU
Tarifná klasifikácia č.:	84137051

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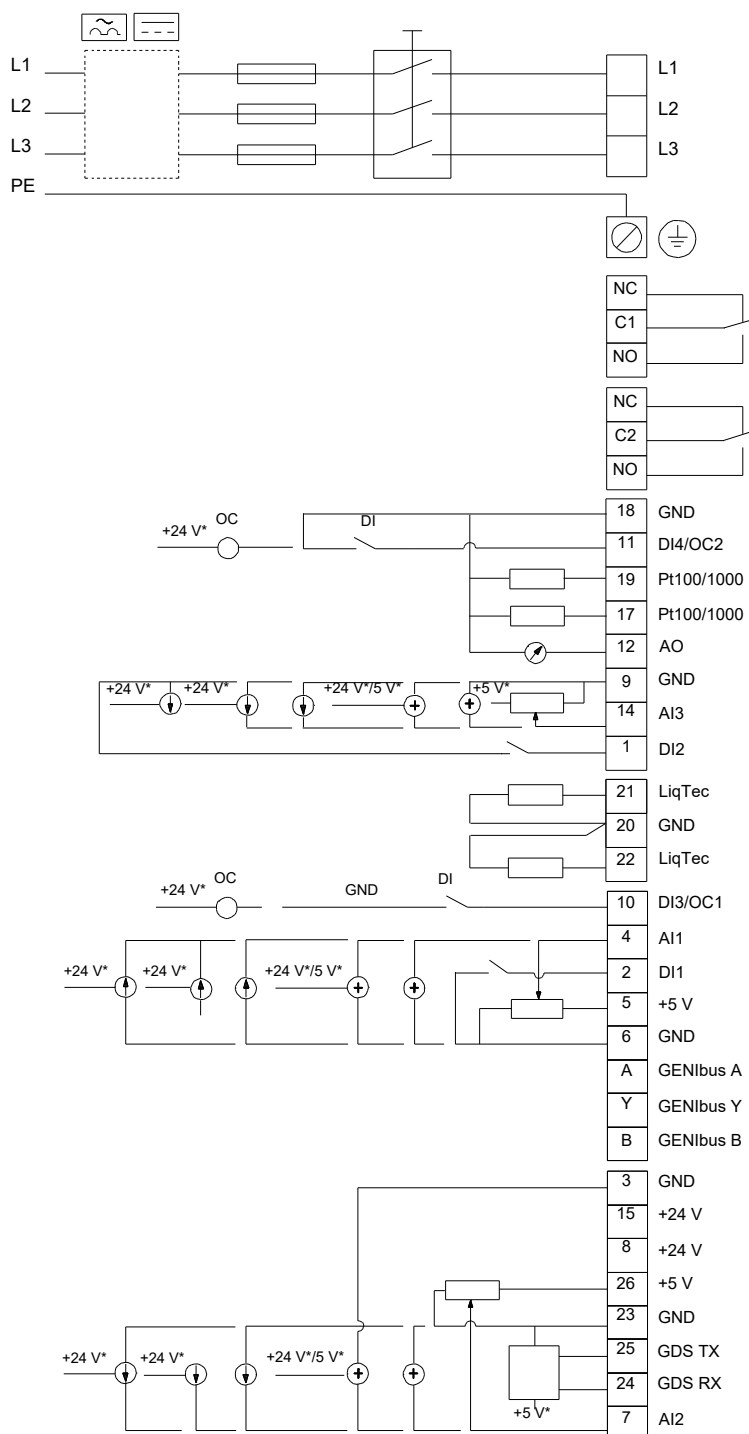


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Upozornenie! Všetky jednotky musia byť v [mm], pokiaľ nie je uvedené inak.
Poznámka: Tento zjednodušený rozmerový náčrtok nezobrazuje všetky detaily.

98437902 TPE2 65-180 N-A-F-A-BQQE-HDC



Upozornenie! Všetky jednotky sú v [mm], pokiaľ nie je uvedené inak!



Názov spoločnosti: MAXTRA CONTROL s.r.o.
Vytvoril:
Telefón: 0317707561
Email: odbyt@maxtracontrol.sk
Dátum: 1.3.2021

Objednávacie údaje:

Názov výrobku: TPE2 65-180
Množstvo: 1
Objednacie číslo: 98437902

Celkom: Cena na požiadanie
