

Qty. Description

1 TPE3 D 65-120 S-A-F-A-BQQE-FWB



Note! Product picture may differ from actual product

Product No.: [99272560](#)

Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. 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.

Each power head is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2).

Each power head is fitted with a fan-cooled, permanent-magnet synchronous motor of identical size. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.

The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement. The pump is fitted with a combined temperature- and differential pressure sensor.

Controls:

Frequency converter: Built-in

Liquid:

Pumped liquid: Water
 Liquid temperature range: -25 .. 120 °C
 Selected liquid temperature: 60 °C
 Density: 983.2 kg/m³

Technical:

Pump speed on which pump data are based: 3530 rpm
 Rated flow: 27.5 m³/h
 Rated head: 7.2 m
 Actual impeller diameter: 78 mm
 Primary shaft seal: BQQE
 Code for shaft seal: BQQE
 Curve tolerance: ISO9906:2012 3B2

Materials:

Pump housing: Cast iron
 EN-GJL-250
 ASTM class 35
 Impeller: Composite
 PES+30% GF

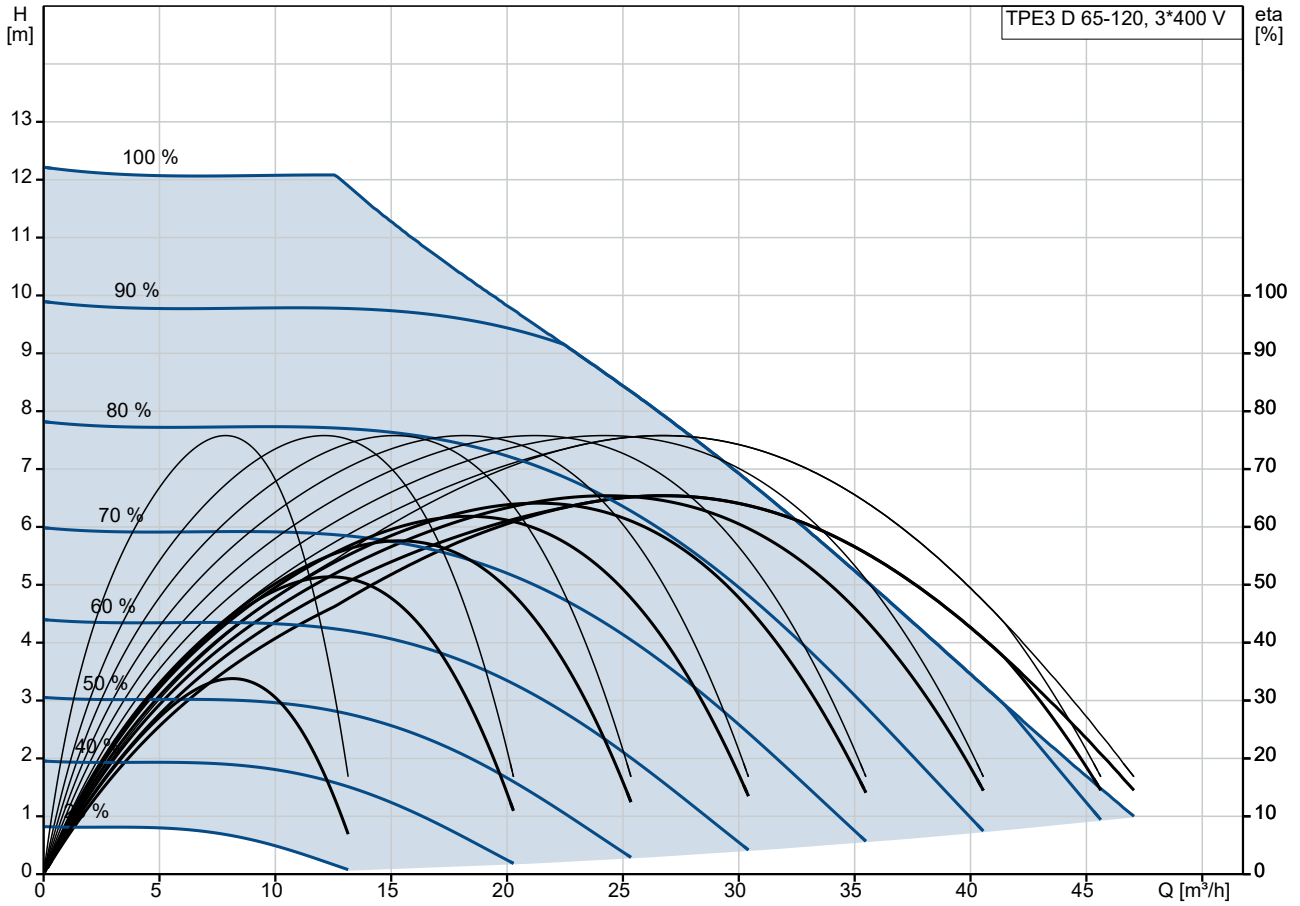
Installation:

Range of ambient temperature: -20 .. 50 °C
 Maximum operating pressure: 10 bar
 Max pressure at stated temp: 10 bar / 120 °C
 Pipe connection standard: EN 1092-2
 Type of connection: DIN
 Size of connection: DN 65
 Pressure rating for connection: PN 6/10

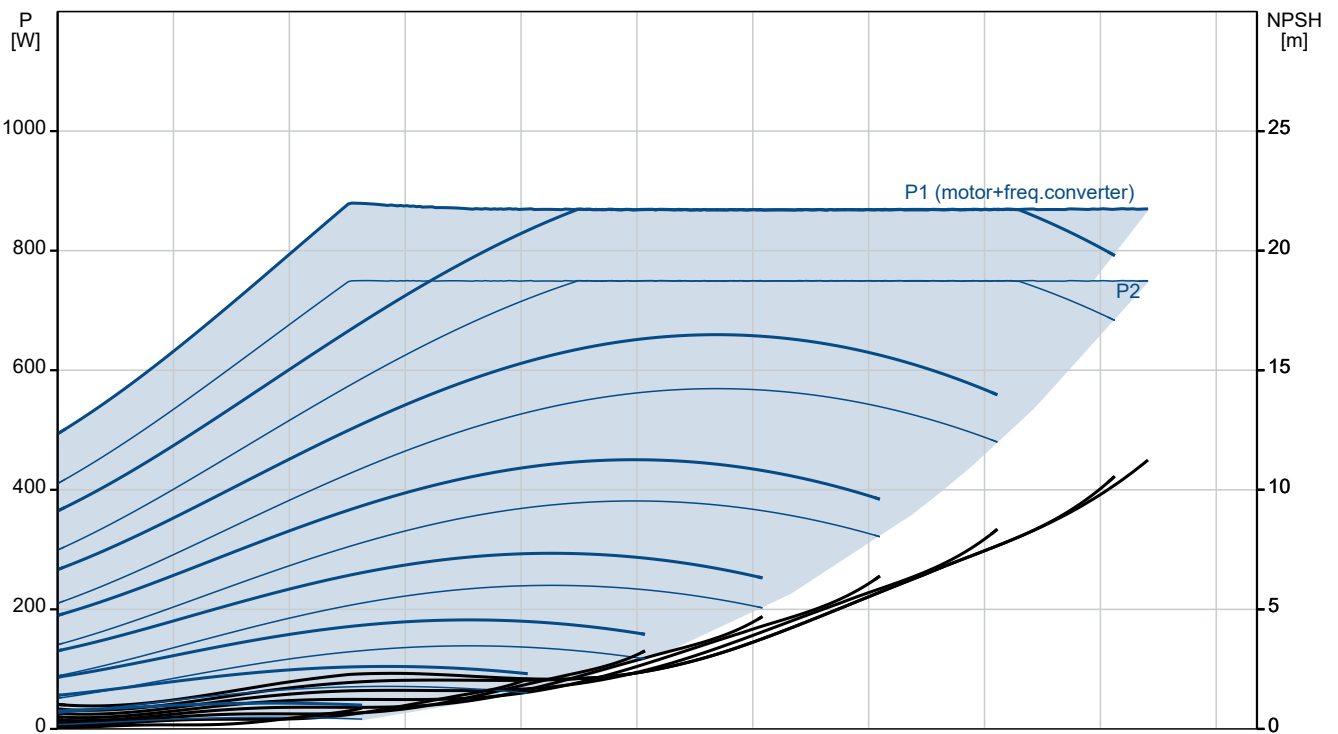
Qty. Description

1	Port-to-port length:	340 mm
	Flange size for motor:	56C
	Electrical data:	
	Motor type:	80A
	Rated power - P2:	0.75 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-500 V
	Rated current:	1.7-1.6 A
	Cos phi - power factor:	0.83-0.67
	Rated speed:	360-4000 rpm
	IE Efficiency class:	IE5
	Motor efficiency at full load:	85.9 %
	Number of poles:	0
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	99138000
	Others:	
	Minimum efficiency index, MEI \geq :	0.70
	Net weight:	55.6 kg
	Gross weight:	68.9 kg
	Shipping volume:	0.252 m ³
	Country of origin:	HU
	Custom tariff no.:	84137065

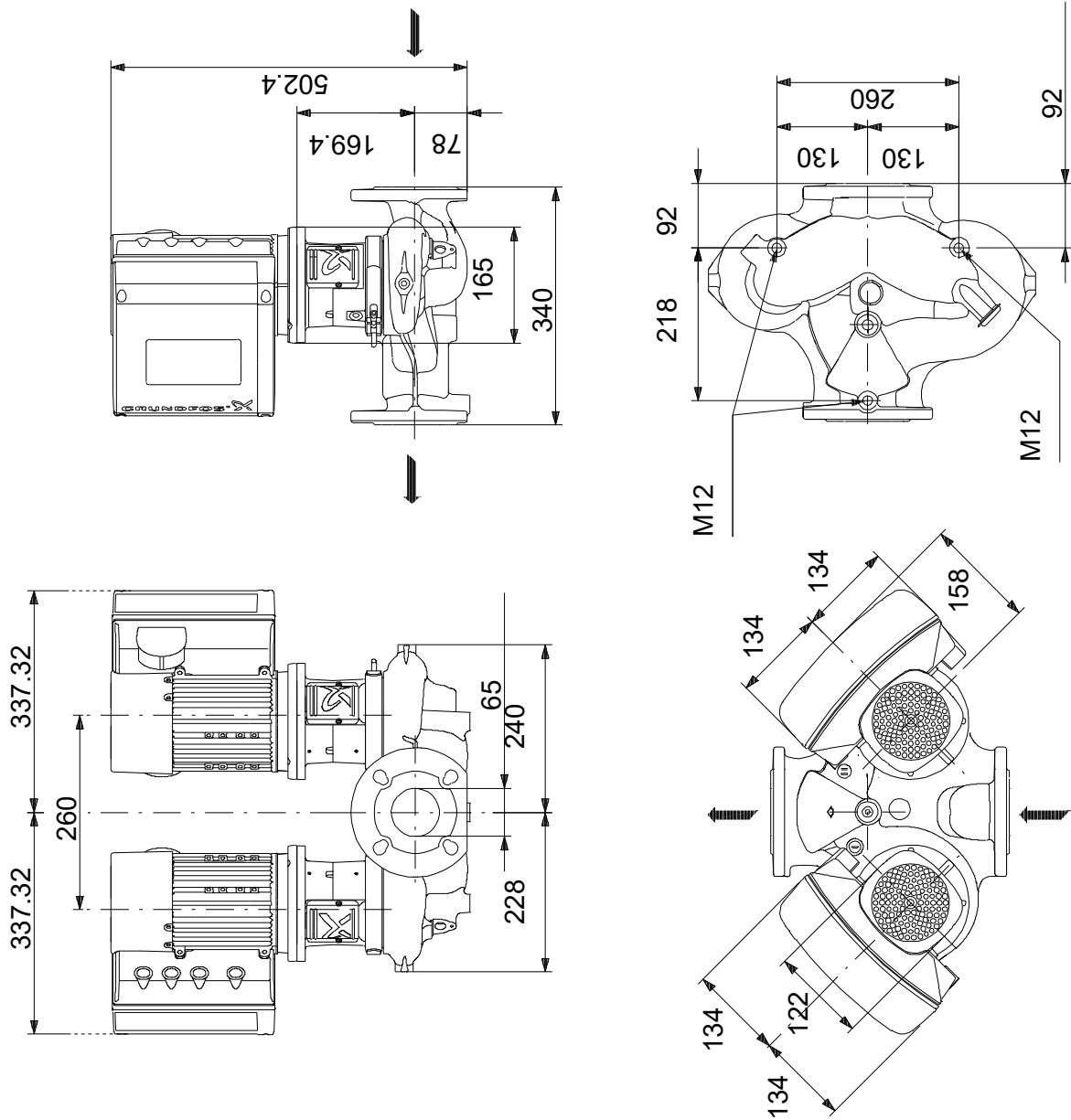
99272560 TPE3 D 65-120 S-A-F-A-BQQE-FWB 50 Hz



Pumped liquid = Water
Liquid temperature during operation = 60 °C
Density = 983.2 kg/m³



99272560 TPE3 D 65-120 S-A-F-A-BQQE-FWB 50 Hz



Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.