

Qty. Description

1 TPD 80-60/4 AI-F-A-BQQE-FW3



Note! Product picture may differ from actual product

Product No.: [98958031](#)

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 DIN flanges (EN 1092-2 and ISO 7005-2).

Each power head is fitted with a fan-cooled asynchronous motor of identical size.

Controls:

Frequency converter: None

Liquid:

Pumped liquid: Water

Liquid temperature range: -25 .. 120 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 1452 rpm

Rated flow: 39.1 m³/h

Rated head: 4.97 m

Actual impeller diameter: 133 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: Stainless steel
EN 1.4301
AISI 304

Installation:

Range of ambient temperature: -20 .. 55 °C

Maximum operating pressure: 6 bar



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Qty.	Description
1	<p>Max pressure at stated temp: 6 bar / 120 °C Pipe connection standard: EN 1092-2 Type of connection: DIN Size of connection: DN 80 Pressure rating for connection: PN 6 Port-to-port length: 360 mm Flange size for motor: FT100</p> <p>Electrical data: Motor type: INNOMOTICS Rated power - P2: 0.75 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 3.05/1.75 A Starting current: 710 % Cos phi - power factor: 0.75 Rated speed: 1450 rpm IE efficiency: IE3 82,5% IE Efficiency class: IE3 Motor efficiency at full load: 82.5 % Motor efficiency at 3/4 load: 82.3 % Motor efficiency at 1/2 load: 79.3 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99900480</p> <p>Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 81.2 kg Gross weight: 104 kg Shipping volume: 0.39 m³</p>



Company name:

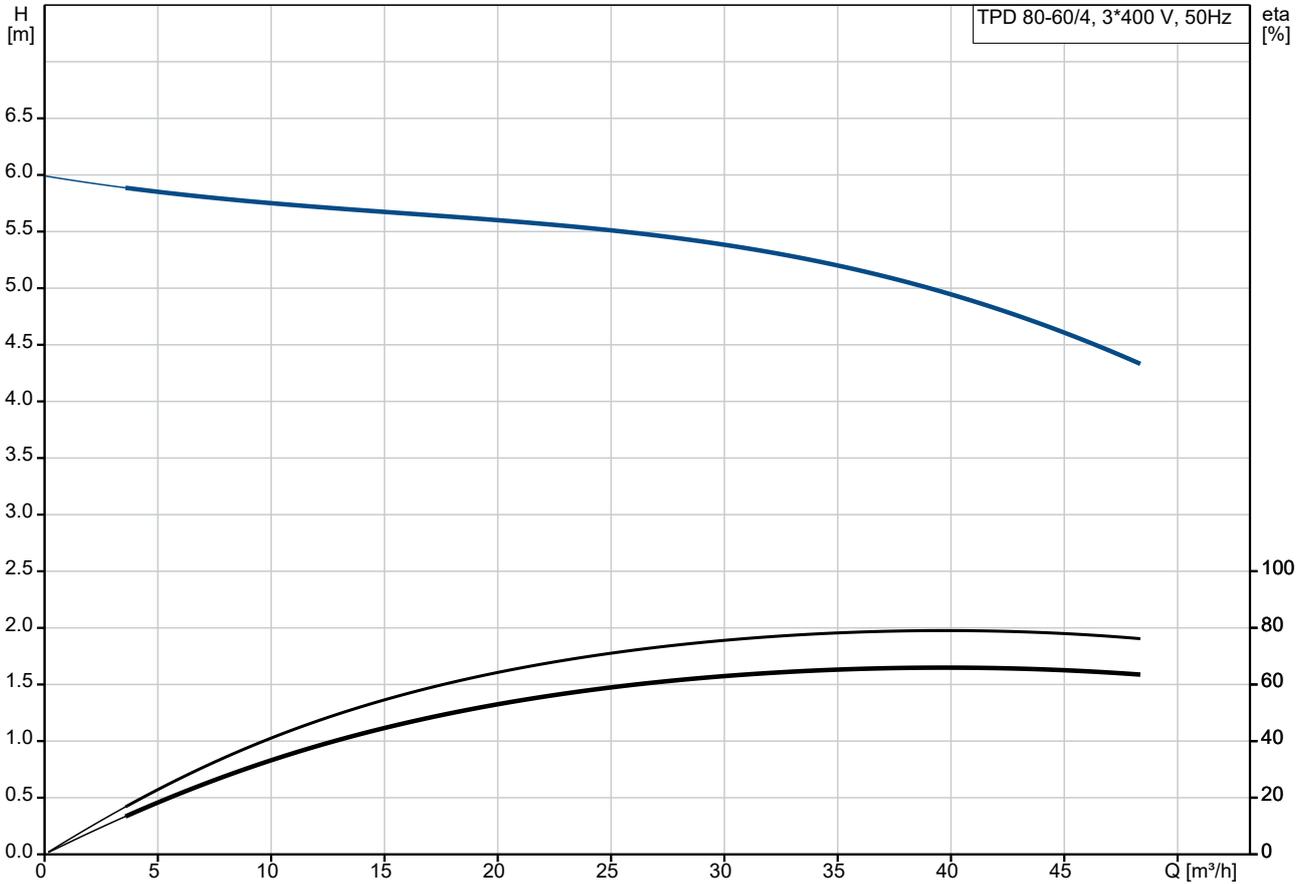
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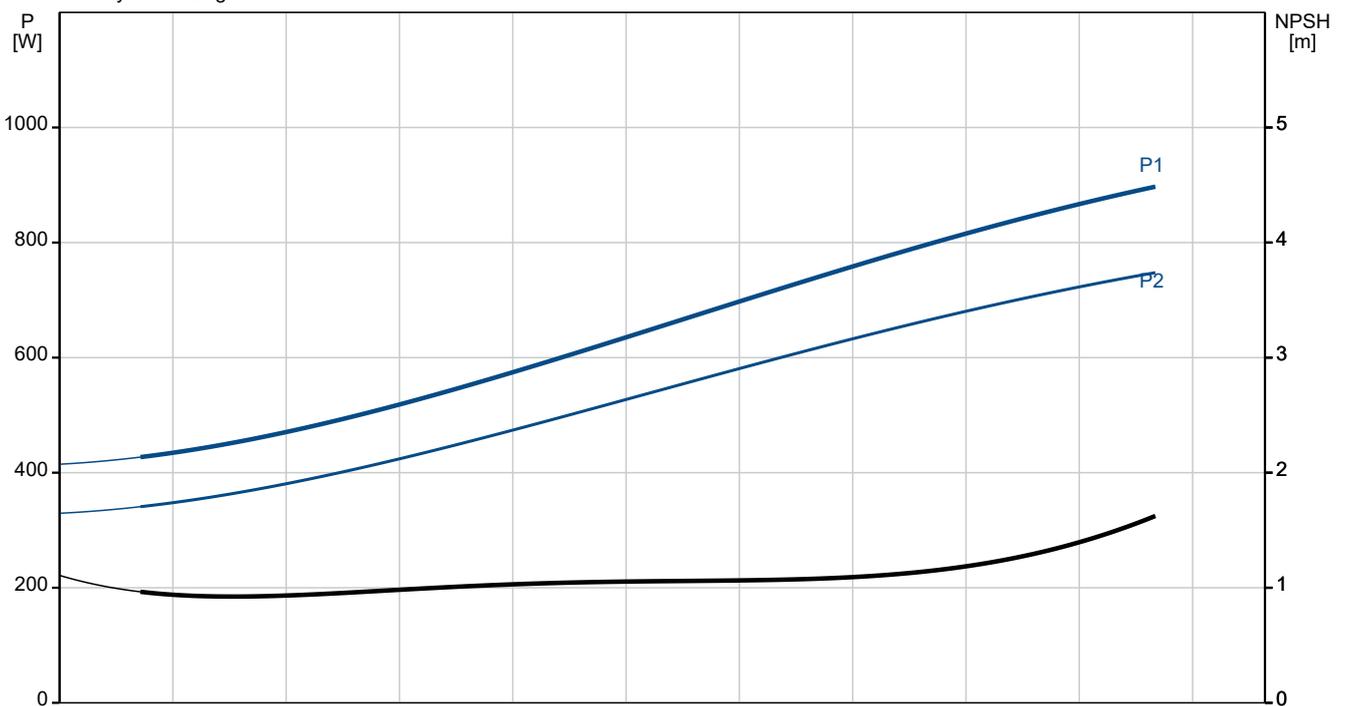
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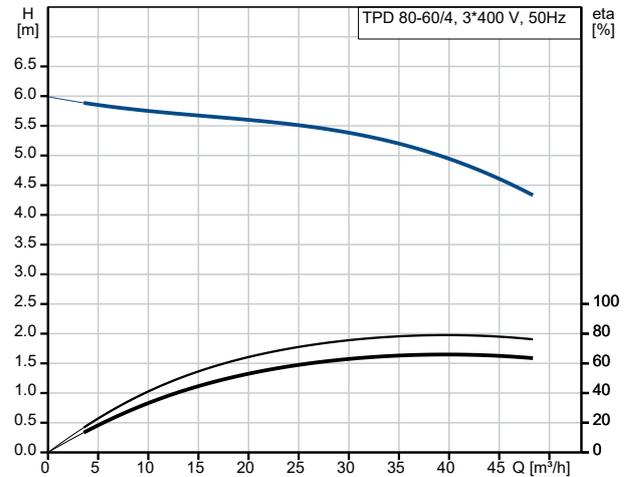
98958031 TPD 80-60/4 AI-F-A-BQQE-FW3 50 Hz



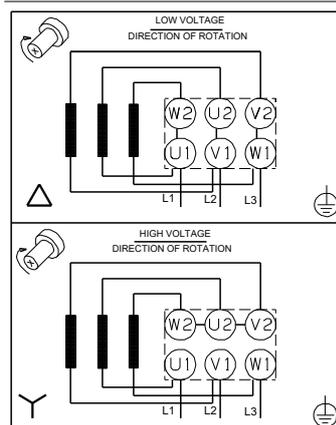
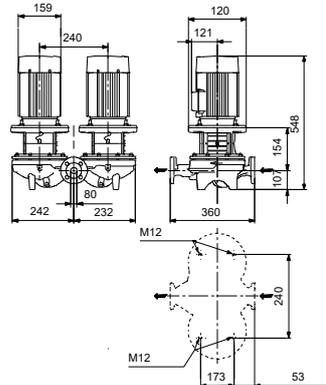
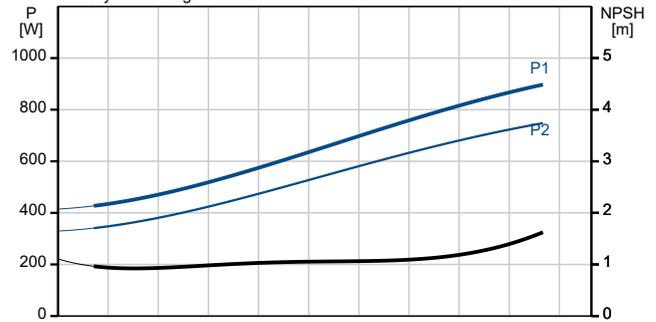
Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	TPD 80-60/4 AI-F-A-BQQE-FW3
Product No:	98958031
EAN number:	5712604244982
Technical:	
Pump speed on which pump data are based:	1452 rpm
Rated flow:	39.1 m ³ /h
Rated head:	4.97 m
Maximum head:	60 dm
Actual impeller diameter:	133 mm
Primary shaft seal:	BQQE
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	AI
Materials:	
Pump housing:	Cast iron EN-GJL-250 ASTM class 35
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	6 bar
Max pressure at stated temp:	6 bar / 120 °C
Pipe connection standard:	EN 1092-2
Type of connection:	DIN
Size of connection:	DN 80
Pressure rating for connection:	PN 6
Port-to-port length:	360 mm
Flange size for motor:	FT100
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	INNOTICS
Rated power - P2:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	3.05/1.75 A
Starting current:	710 %
Cos phi - power factor:	0.75
Rated speed:	1450 rpm
IE efficiency:	IE3 82,5%
IE Efficiency class:	IE3
Motor efficiency at full load:	82.5 %
Motor efficiency at 3/4 load:	82.3 %
Motor efficiency at 1/2 load:	79.3 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

Created by:

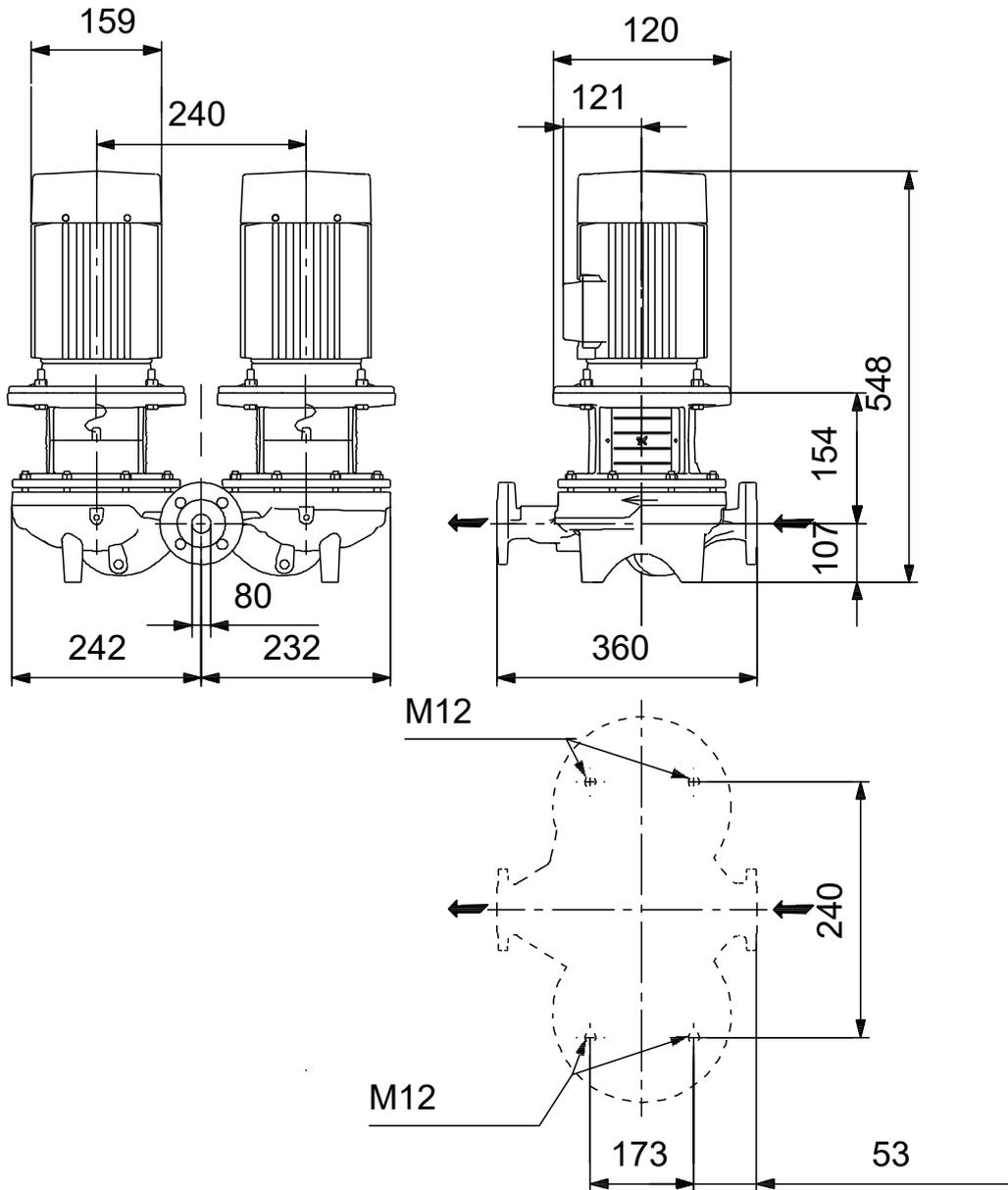
Phone:

Date:

11/11/2025

Description	Value
Built-in motor protection:	NONE
Motor No:	99900480
Controls:	
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	81.2 kg
Gross weight:	104 kg
Shipping volume:	0.39 m ³

98958031 TPD 80-60/4 AI-F-A-BQQE-FW3 50 Hz



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