

Date: 30/08/2017

Position | Qty. | Description

1 TP 50-80/4 A-F-A-BQQE



Product No.: 98760147

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 pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).

The pump is fitted with a fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
Liquid temperature range: -25 .. 120 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Speed for pump data: 1450 rpm
Rated flow: 20.2 m³/h
Rated head: 7.58 m
Actual impeller diameter: 176 mm
Primary shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron

EN-JL1040

ASTM A48-40 B

Impeller: Cast iron

EN-JL1030 ASTM A48-30 B

Installation:

Range of ambient temperature: -30 .. 40 °C Maximum operating pressure: 16 bar Flange standard: DIN Pipe connection: **DN 50** Pump inlet: **DN 50** Pump outlet: **DN 50** Pressure stage: PN 16 Port-to-port length: 440 mm Flange size for motor: FF165

Electrical data:

Motor type: 90SA
IE Efficiency class: NA
Rated power - P2: 0.75 kW
Power (P2) required by pump: 0.75 kW
Mains frequency: 50 Hz



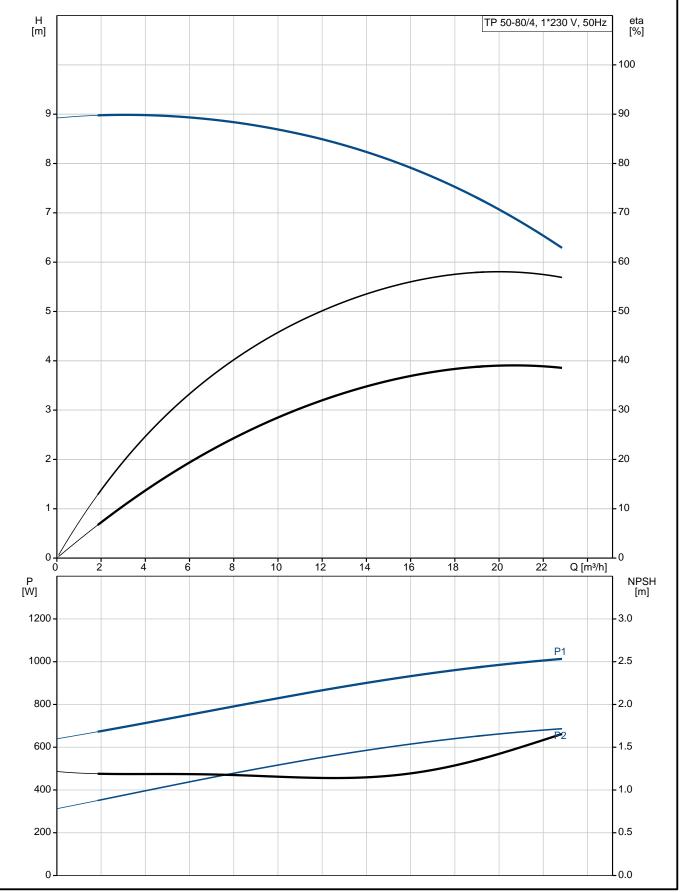
Date: 30/08/2017

Sition Qty. Description				Date.	30/00/2017
Rated voltage: 1 x 220-230 V Rated current: 5.45 A Starting current: 320 % Cos phi - power factor: 0,96 Rated speed: 1390-1410 rpm Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Others: Minimum efficiency index, MEI: 0.7 ErP status: EuP Standalone/Prod. Net weight: 63 kg Gross weight: 77 kg	Position	Qty.	Description		
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ErP status: EuP Standalone/Prod. Net weight: 63 kg Gross weight: 77 kg			Others:		
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Date: 30/08/2017

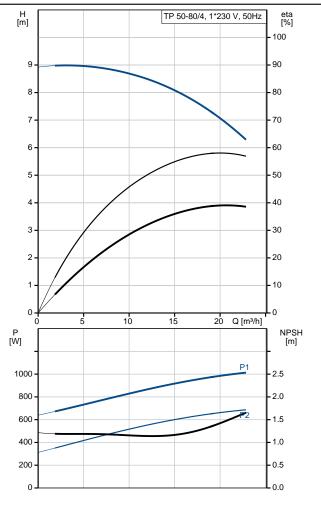
98760147 TP 50-80/4 50 Hz





Date: 30/08/2017

Description Value General information: TP 50-80/4 A-F-A-BQQE Product No: 98760147 EAN number: 5712600991323 Technical:		
Product No: 98760147 EAN number: 5712600991323 Technical: 5712600991323 Speed for pump data: 1450 rpm Rated flow: 20.2 m³/h Rated head: 7.58 m Head max: 80 dm Actual impeller diameter: 176 mm Primary shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Pump persion: A Model: A Materials: EN-JL1040 Pump housing: Cast iron EN-JL1040 ASTM A48-40 B Impeller: Cast iron EN-JL1030 ASTM A48-30 B Material code: A Range of ambient temperature: -30 40 °C Maximum operating pressure: 16 bar Flange standard: DIN Connect code: F Pipe connection: DN 50 Pump inlet: DN 50 Pump inlet: DN 50 Purg poutlet: DN 50 Pressure stage: PN 16	Description	Value
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ASTM A48-40 B	Pump housing:	
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Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: 90SA IE Efficiency class: NA Rated power - P2: 0.75 kW Power (P2) required by pump: 0.75 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230 V Rated current: 5.45 A Starting current: 320 % Cos phi - power factor: 0,96 Rated speed: 1390-1410 rpm Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor protec: PTO	- · · · · · · · · · · · · · · · · · · ·	
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Insulation class (IEC 85): F Motor protec: PTO		
Motor protec: PTO		•
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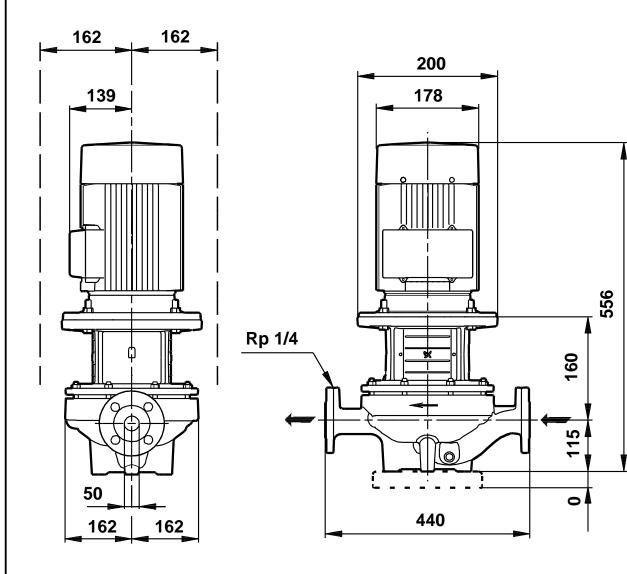
Date: 30/08/2017

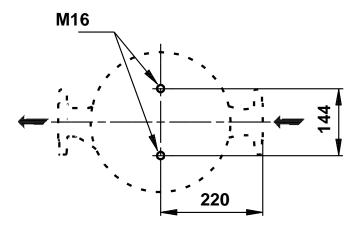
Description	Value
Others:	
Minimum efficiency index, MEI :	0.7
ErP status:	EuP Standalone/Prod.
Net weight:	63 kg
Gross weight:	77 kg
Shipping volume:	0.39 m³



Date: 30/08/2017

98760147 TP 50-80/4 50 Hz





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



Date: 30/08/2017

98760147 TP 50-80/4 50 Hz

