
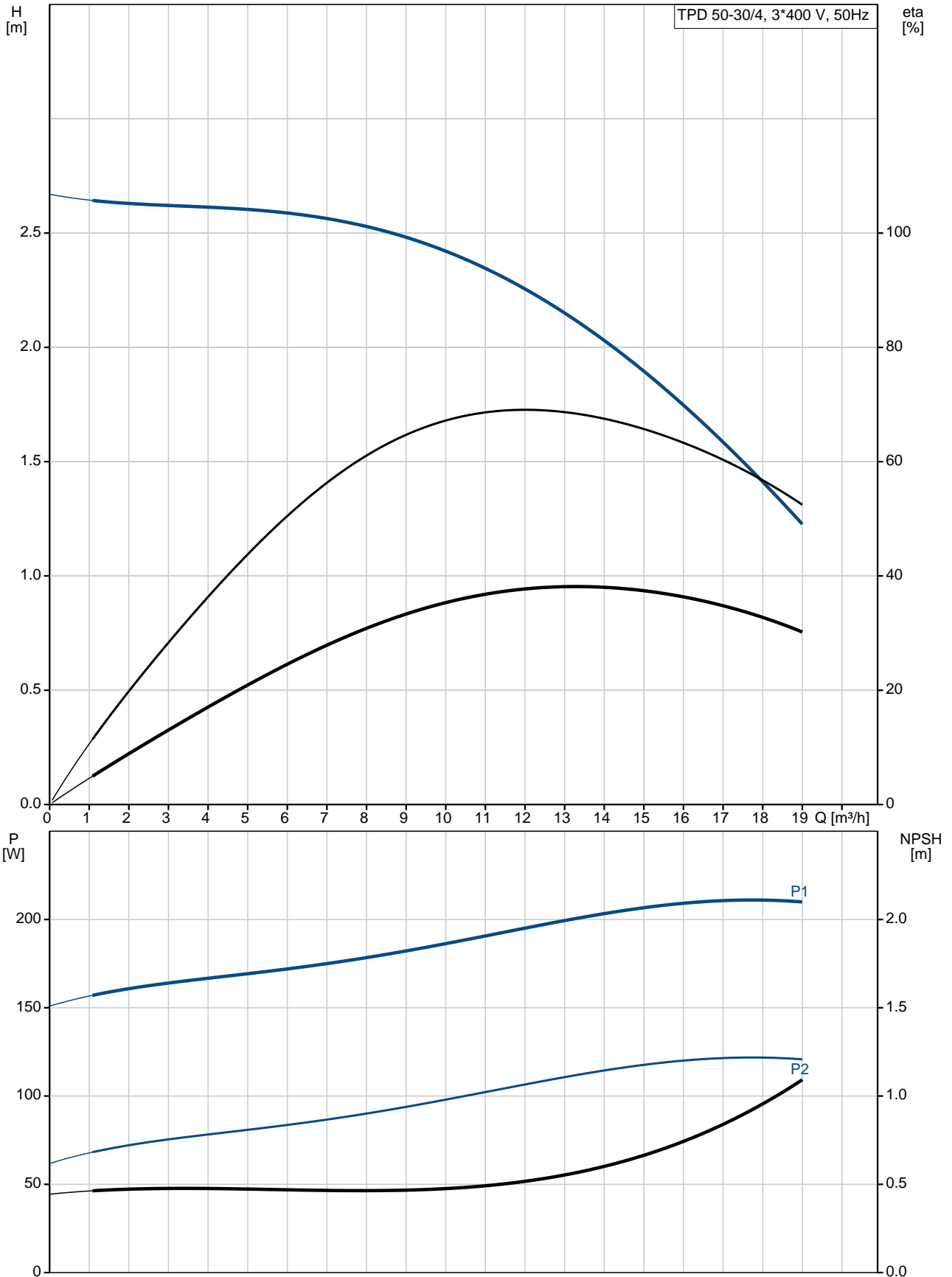


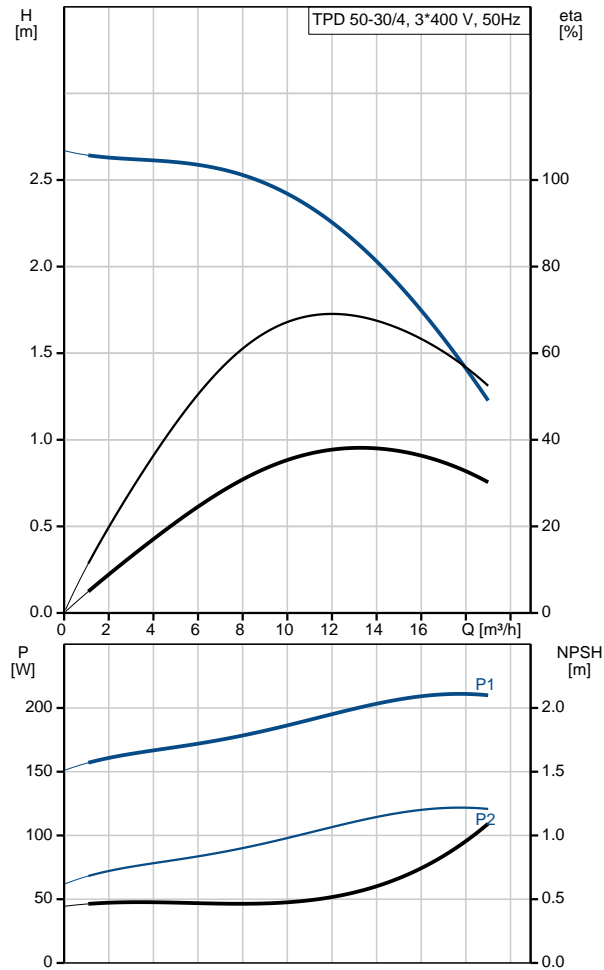
Position	Qty.	Description
	1	<p><b>TPD 50-30/4 A-F-A-BQQE</b></p>  <p>Product No.: <a href="#">98957969</a></p> <p>Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. The pump 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.</p> <p>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).</p> <p>Each power head is fitted with a fan-cooled asynchronous motor of identical size.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water            Liquid temperature range: -25 .. 120 °C            Liquid temperature during operation: 20 °C            Density: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Rated flow: 11.9 m<sup>3</sup>/h            Rated head: 2.26 m            Actual impeller diameter: 91 mm            Primary shaft seal: BQQE            Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Pump housing: Cast iron            EN-JL1040            ASTM A48-40 B</p> <p>Impeller: Stainless steel            DIN W.-Nr. 1.4301            AISI 304</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: -30 .. 40 °C            Maximum operating pressure: 10 bar            Flange standard: DIN            Pipe connection: DN 50            Pump inlet: DN 50            Pump outlet: DN 50            Pressure rating: PN 6/10            (@): 280 mm            Flange size for motor: FT85</p> <p><b>Electrical data:</b></p> <p>Motor type: 71A            Rated power - P2: 2 x 0.25 kW            Mains frequency: 50 Hz            Rated voltage: 3 x 220-240D/380-415Y V            Rated current: 1.48/0.85 A</p>

Position	Qty.	Description
		<p>Starting current: 400-440 %</p> <p>Cos phi - power factor: 0.75-0.65</p> <p>Rated speed: 1400-1420 rpm</p> <p>Efficiency: 61,5% - 68,5%</p> <p>Motor efficiency at full load: 61.5-68.5 %</p> <p>Motor efficiency at 3/4 load: 70 %</p> <p>Motor efficiency at 1/2 load: 63.9 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI : 0.70</p> <p>ErP status: EuP Standalone/Prod.</p> <p>Net weight: 46.7 kg</p> <p>Gross weight: 53.7 kg</p> <p>Shipping volume: 0.12 m<sup>3</sup></p>

## 98957969 TPD 50-30/4 A-F-A-BQQE 50 Hz



Description	Value
<b>General information:</b>	
Product name:	TPD 50-30/4 A-F-A-BQQE
Product No:	98957969
EAN number:	5712604244364
<b>Technical:</b>	
Rated flow:	11.9 m <sup>3</sup> /h
Rated head:	2.26 m
Head max:	30 dm
Actual impeller diameter:	91 mm
Primary shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Pump housing:	Cast iron
	EN-JL1040
	ASTM A48-40 B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
<b>Installation:</b>	
Range of ambient temperature:	-30 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 50
Pump inlet:	DN 50
Pump outlet:	DN 50
Pressure rating:	PN 6/10
(@)	280 mm
Flange size for motor:	FT85
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	71A
Rated power - P2:	2 x 0.25 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	1.48/0.85 A
Starting current:	400-440 %
Cos phi - power factor:	0.75-0.65
Rated speed:	1400-1420 rpm
Efficiency:	61,5% - 68,5%
Motor efficiency at full load:	61.5-68.5 %
Motor efficiency at 3/4 load:	70 %
Motor efficiency at 1/2 load:	63.9 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	86805101
<b>Others:</b>	
Minimum efficiency index, MEI :	0.70
ErP status:	EuP Standalone/Prod.





Company name:

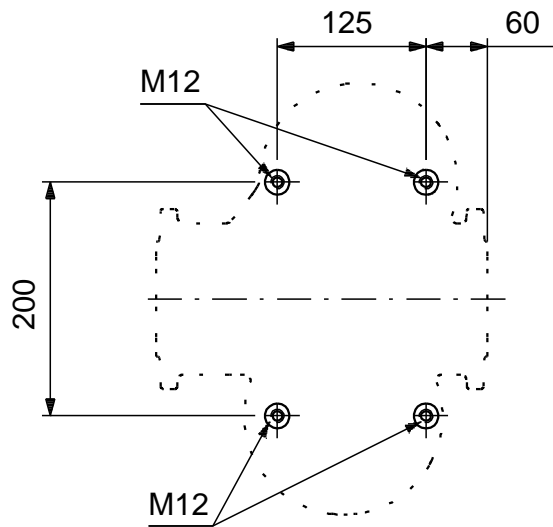
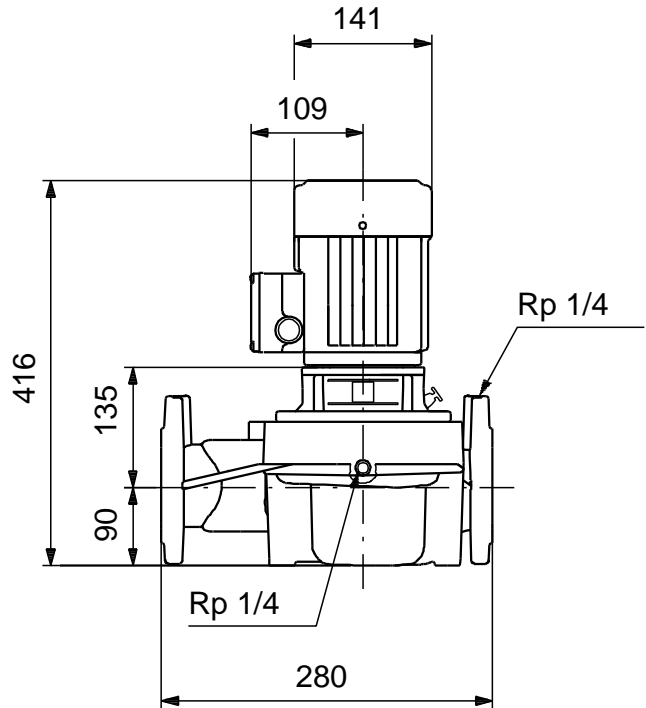
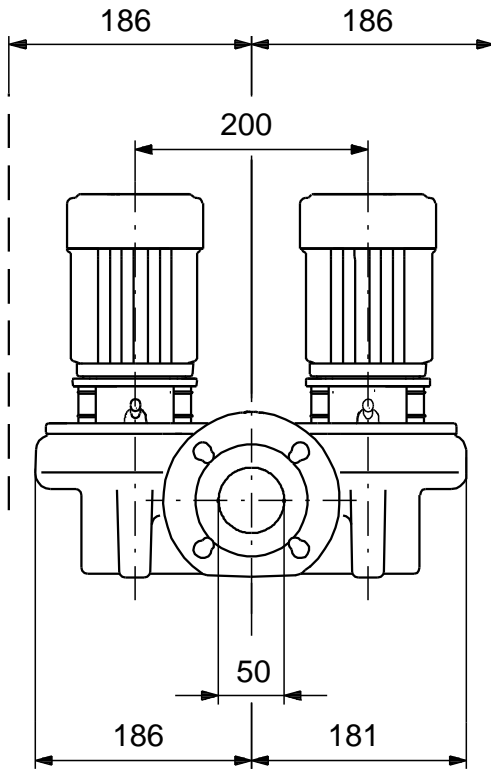
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Date: 05/10/2018

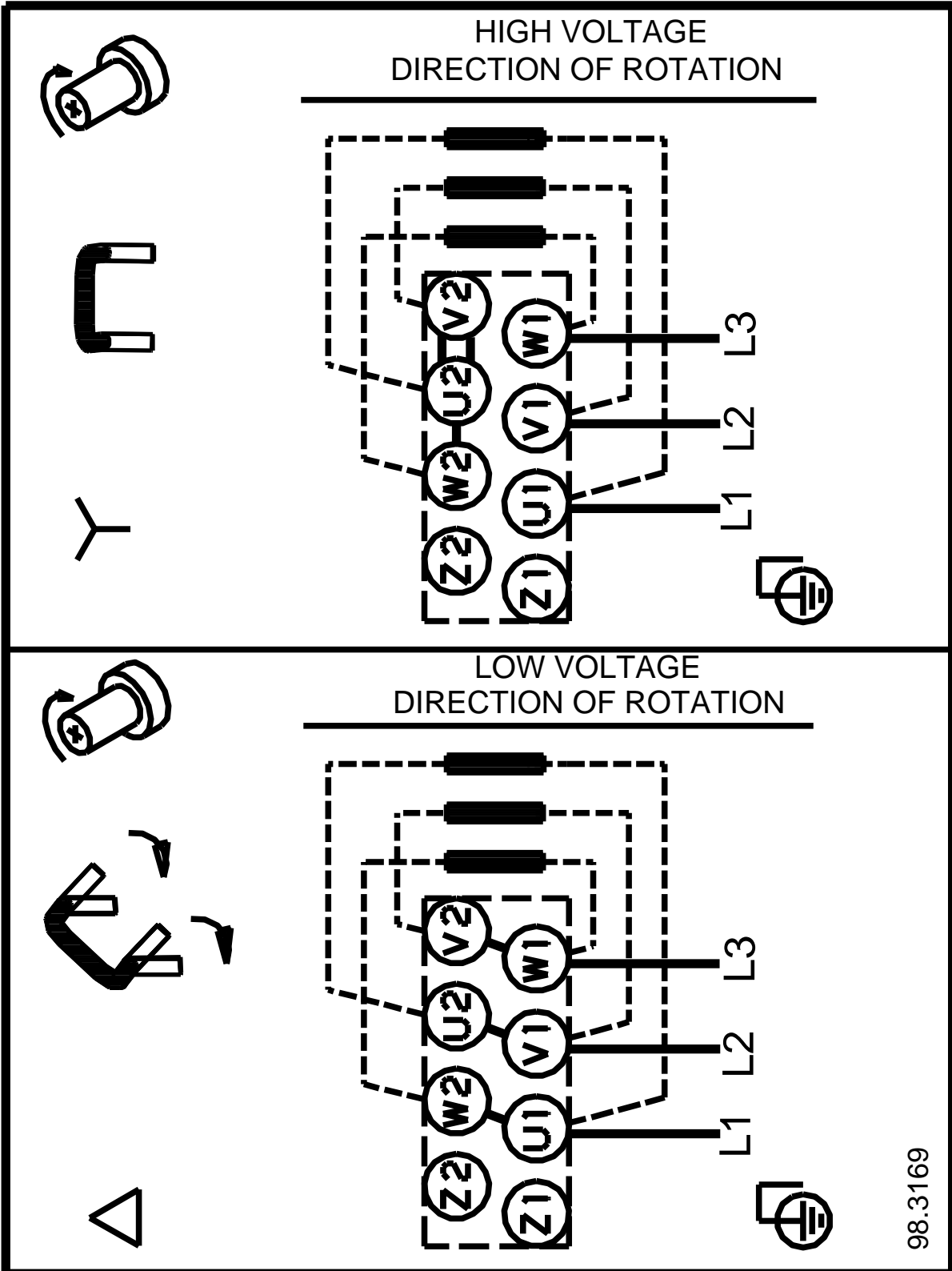
Description	Value
Net weight:	46.7 kg
Gross weight:	53.7 kg
Shipping volume:	0.12 m <sup>3</sup>

**98957969 TPD 50-30/4 A-F-A-BQQE 50 Hz**



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

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