


Position	Qty.	Description
	1	<p><b>TP 32-80/4 A-F-A-BQQE</b></p>  <p>Product No.: <a href="#">96384199</a></p> <p>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.</p> <p>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).</p> <p>The pump is fitted with a fan-cooled asynchronous motor.</p> <p><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></p> <p><b>Technical:</b>  Speed for pump data: 1410 rpm  Rated flow: 8.65 m<sup>3</sup>/h  Rated head: 5.87 m  Actual impeller diameter: 152 mm  Primary shaft seal: BQQE  Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b>  Pump housing: Cast iron  EN-JL1040  ASTM A48-40 B  Impeller: Cast iron  EN-JL1030  ASTM A48-30 B</p> <p><b>Installation:</b>  Range of ambient temperature: -30 .. 40 °C  Maximum operating pressure: 16 bar  Flange standard: DIN  Pipe connection: DN 32  Pump inlet: DN 32  Pump outlet: DN 32  Pressure stage: PN 16  Port-to-port length: 340 mm  Flange size for motor: FF130</p> <p><b>Electrical data:</b>  Motor type: 71B  IE Efficiency class: NA  Rated power - P2: 0.25 kW  Power (P2) required by pump: 0.25 kW  Mains frequency: 50 Hz</p>



Company name:

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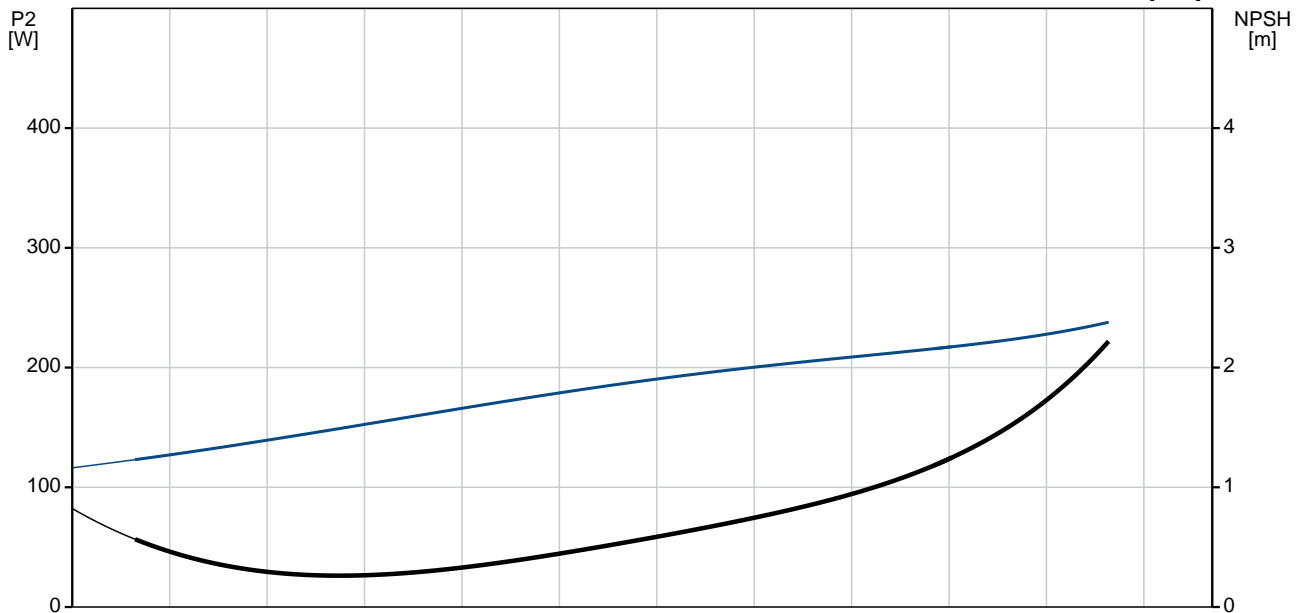
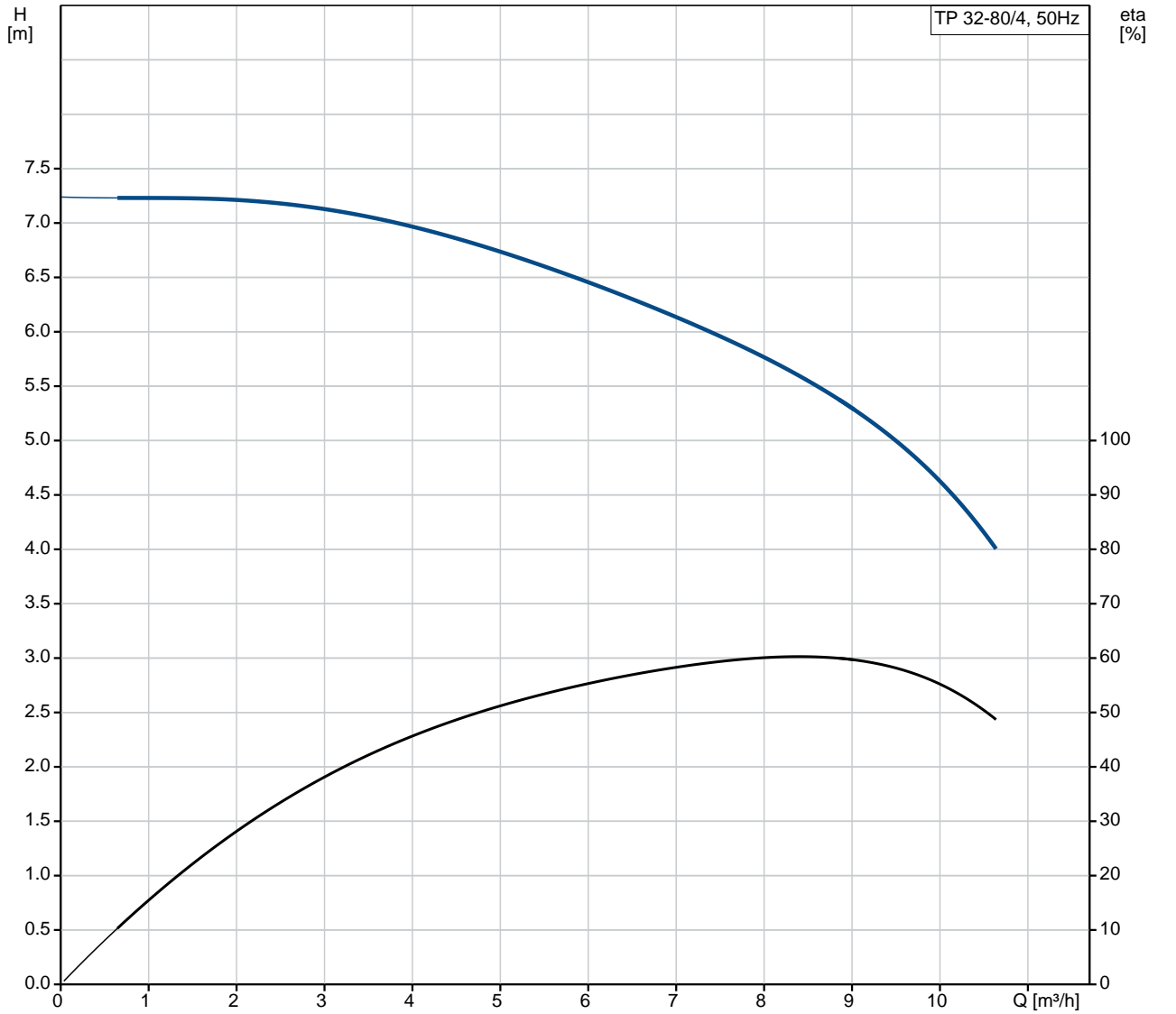
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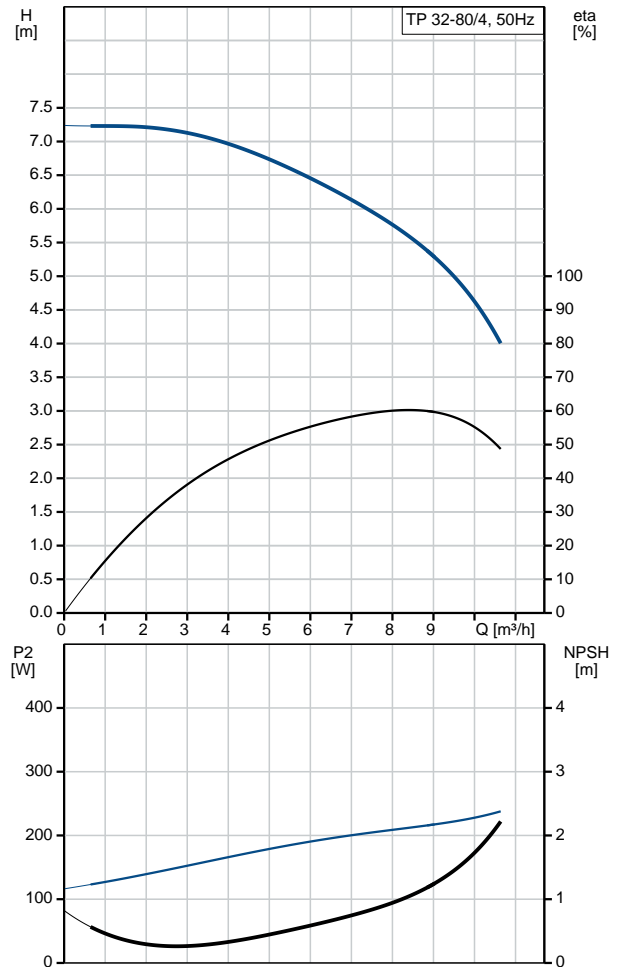
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Position	Qty.	Description
		Rated voltage: 1 x 220-230 V Rated current: 2.15 A Starting current: 220 % Cos phi - power factor: 0,97 Rated speed: 1350-1370 rpm Motor efficiency at full load: 57.0-55.0 % Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F  <b>Others:</b> Minimum efficiency index, MEI : 0.70 ErP status: EuP Standalone/Prod. Net weight: 36 kg Gross weight: 50 kg Shipping volume: 0.13 m <sup>3</sup>

## 96384199 TP 32-80/4 50 Hz



Description	Value
<b>General information:</b>	
Product name:	TP 32-80/4 A-F-A-BQQE
Product No:	96384199
EAN number:	5700832151615
<b>Technical:</b>	
Speed for pump data:	1410 rpm
Rated flow:	8.65 m <sup>3</sup> /h
Rated head:	5.87 m
Head max:	80 dm
Actual impeller diameter:	152 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:	Cast iron EN-JL1030 ASTM A48-30 B
Material code:	A
<b>Installation:</b>	
Range of ambient temperature:	-30 .. 40 °C
Maximum operating pressure:	16 bar
Flange standard:	DIN
Connect code:	F
Pipe connection:	DN 32
Pump inlet:	DN 32
Pump outlet:	DN 32
Pressure stage:	PN 16
Port-to-port length:	340 mm
Flange size for motor:	FF130
<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:	71B
IE Efficiency class:	NA
Rated power - P2:	0.25 kW
Power (P2) required by pump:	0.25 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230 V
Rated current:	2.15 A
Starting current:	220 %
Cos phi - power factor:	0,97
Rated speed:	1350-1370 rpm
Motor efficiency at full load:	57.0-55.0 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO





Company name:

Created by:

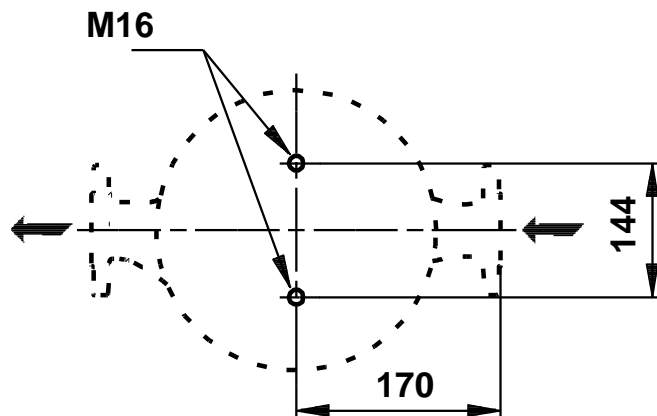
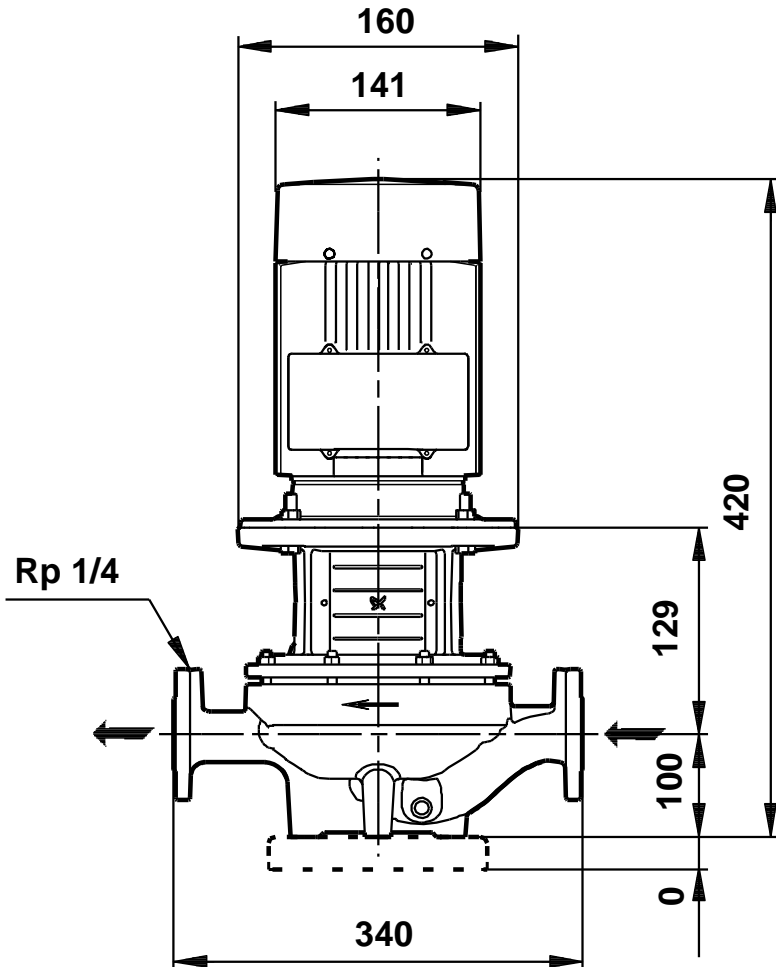
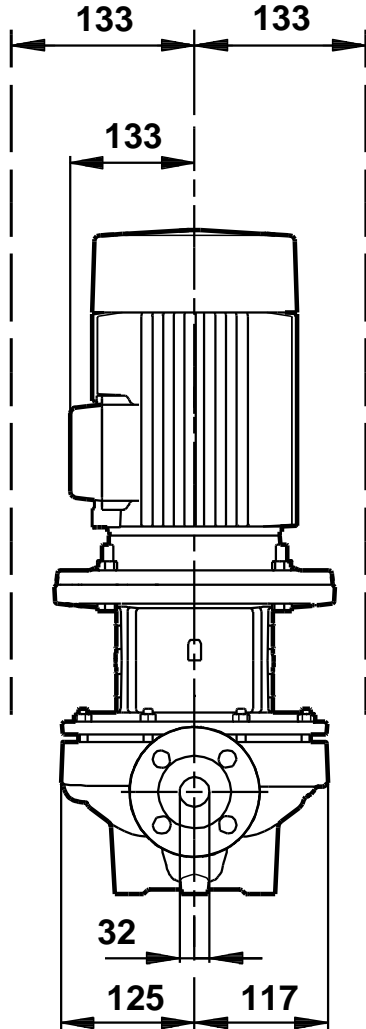
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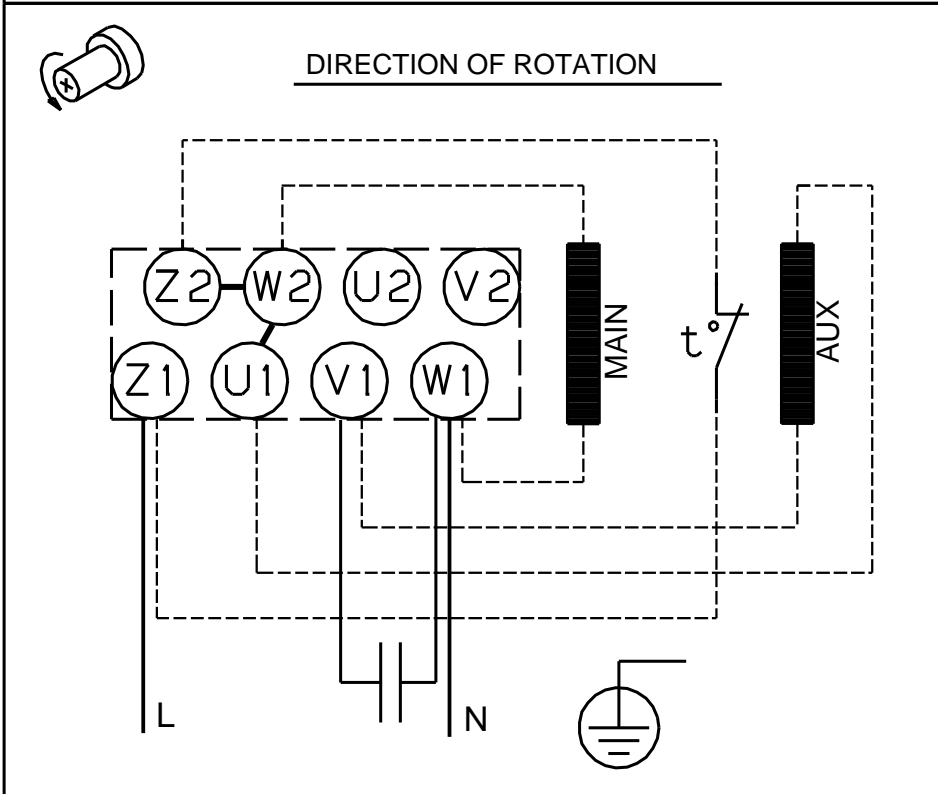
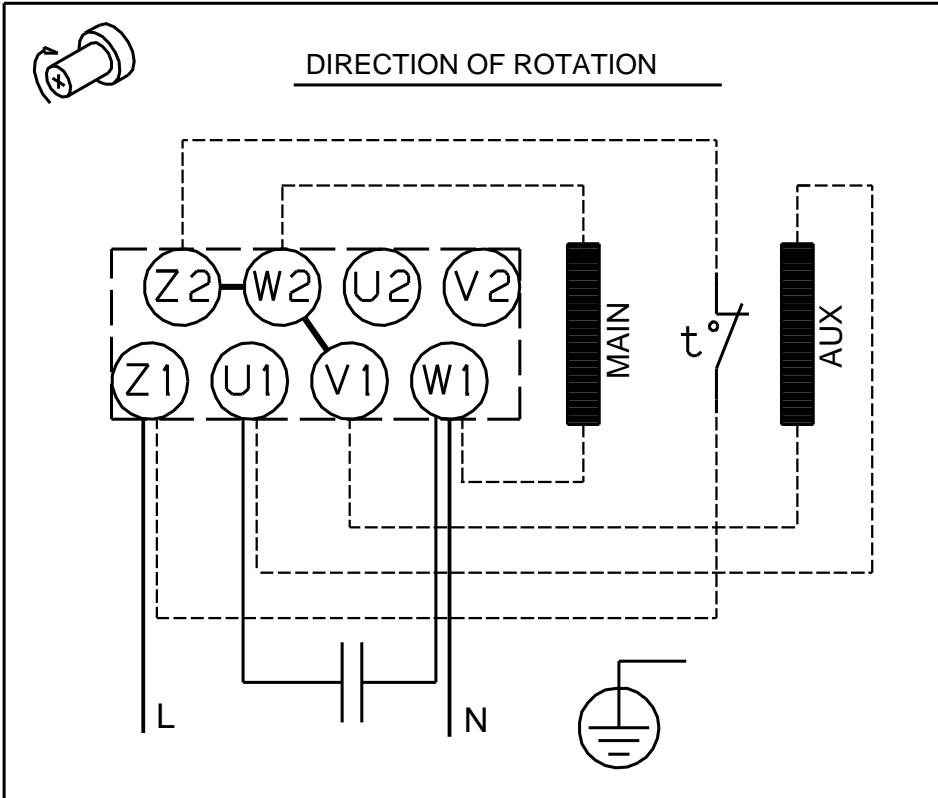
Description	Value
Motor No:	87100339
<b>Others:</b>	
Minimum efficiency index, MEI :	0.70
ErP status:	EuP Standalone/Prod.
Net weight:	36 kg
Gross weight:	50 kg
Shipping volume:	0.13 m <sup>3</sup>

**96384199 TP 32-80/4 50 Hz**



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

## 96384199 TP 32-80/4 50 Hz



Note! All units are in [mm] unless others are stated.