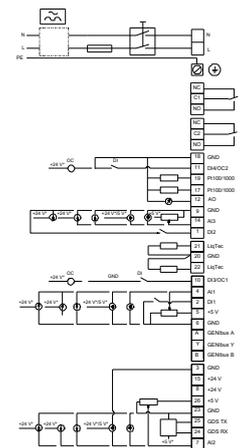
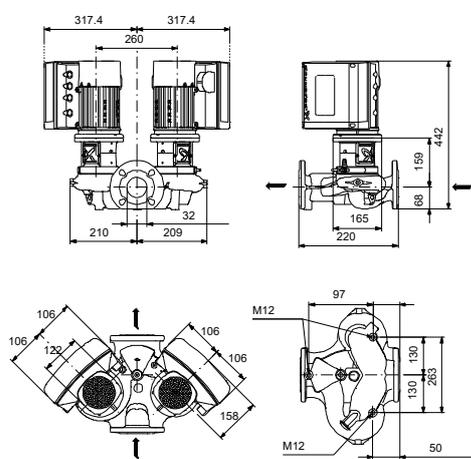
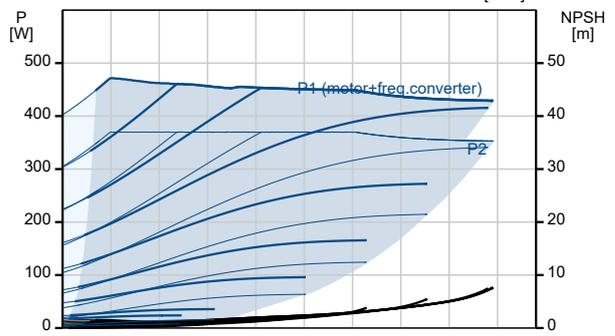
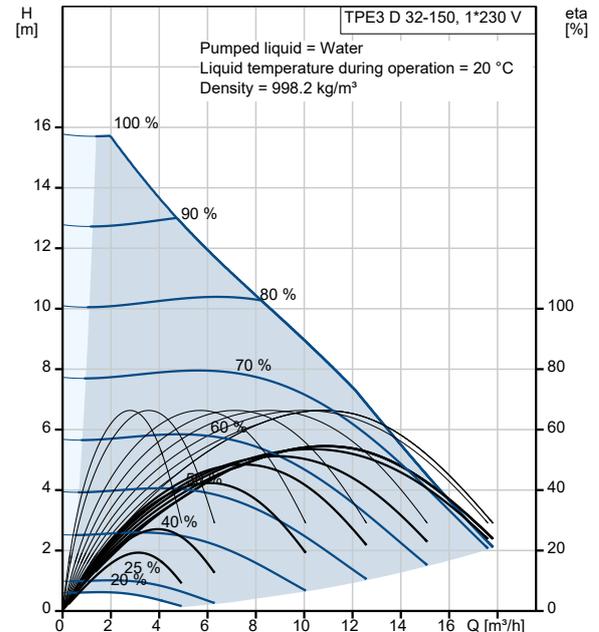


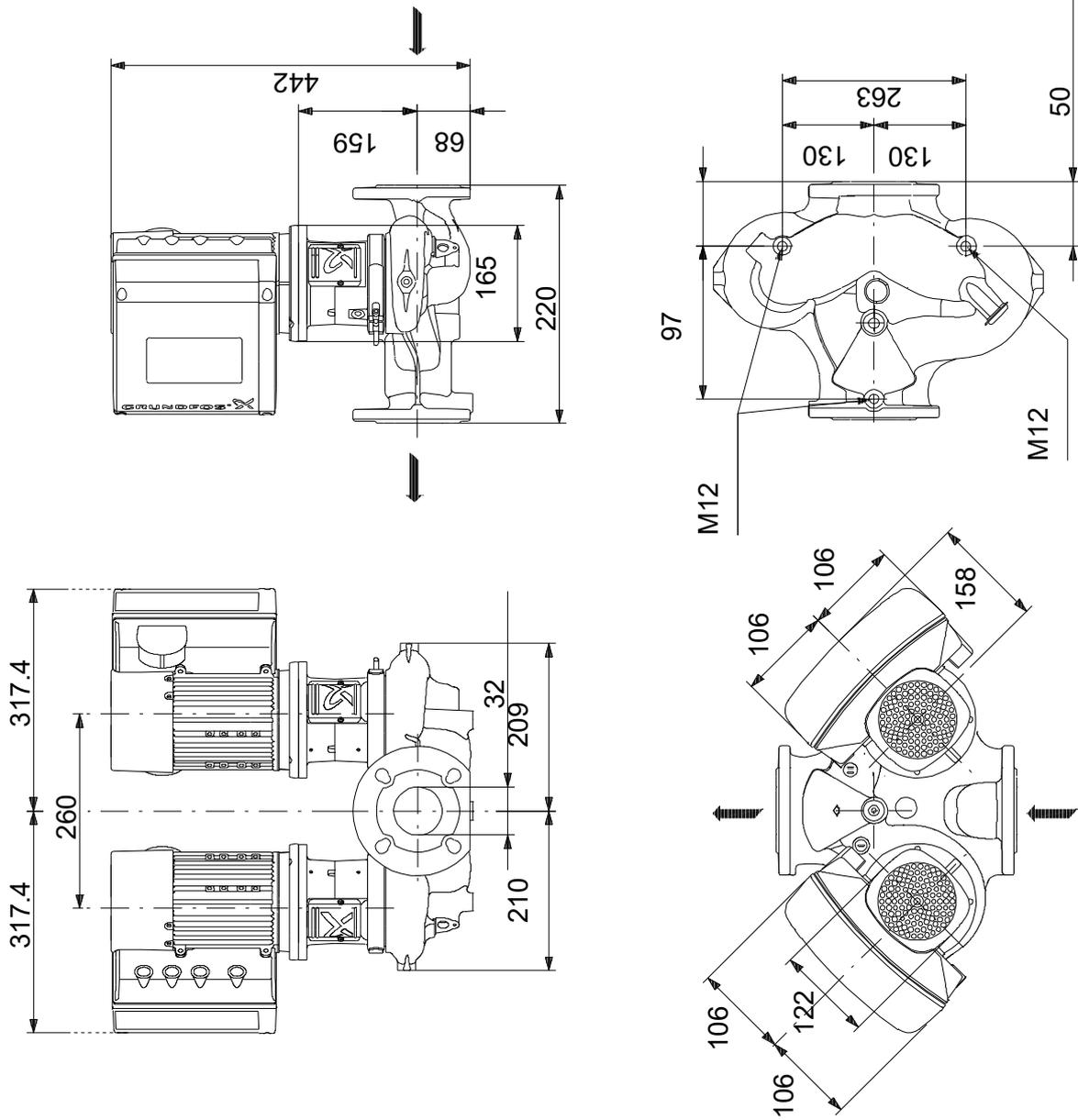
Qty.	Description
1	<p data-bbox="199 159 606 190"><b>TPE3 D 32-150 S-A-F-A-BQQE-DAC</b></p>  <p data-bbox="590 504 1061 533"><b>Note! Product picture may differ from actual product</b></p> <p data-bbox="199 537 478 566">Product No.: On request</p> <p data-bbox="199 600 1460 651">Single-stage, close-coupled, 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.</p> <p data-bbox="199 656 1396 707">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 data-bbox="199 712 909 741">Each power head is fitted with an unbalanced rubber bellows seal.</p> <p data-bbox="199 745 1380 797">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 data-bbox="199 801 1388 853">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.</p> <p data-bbox="199 857 1396 909">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.</p> <p data-bbox="199 913 1069 943">The pump is fitted with a combined temperature- and differential pressure sensor.</p> <p data-bbox="199 976 303 1005"><b>Controls:</b></p> <p data-bbox="199 1010 638 1039">Frequency converter: Built-in</p> <p data-bbox="199 1072 279 1102"><b>Liquid:</b></p> <p data-bbox="199 1106 630 1135">Pumped liquid: Water</p> <p data-bbox="199 1140 702 1169">Liquid temperature range: -25 .. 120 °C</p> <p data-bbox="199 1173 630 1202">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1207 694 1236">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1270 311 1299"><b>Technical:</b></p> <p data-bbox="199 1303 821 1332">Pump speed on which pump data are based: 4100 rpm</p> <p data-bbox="199 1337 670 1366">Rated flow: 10.8 m<sup>3</sup>/h</p> <p data-bbox="199 1370 630 1400">Rated head: 8.2 m</p> <p data-bbox="199 1404 638 1433">Actual impeller diameter: 62 mm</p> <p data-bbox="199 1438 638 1467">Code for shaft seal: BQQE</p> <p data-bbox="199 1471 774 1500">Curve tolerance: ISO9906:2012 3B2</p> <p data-bbox="199 1534 311 1563"><b>Materials:</b></p> <p data-bbox="199 1568 726 1619">Pump housing: Cast iron EN-GJL-250 ASTM class 35</p> <p data-bbox="199 1624 718 1675">Impeller: Composite PES+30% GF</p> <p data-bbox="199 1709 327 1738"><b>Installation:</b></p> <p data-bbox="199 1742 694 1771">Range of ambient temperature: -20 .. 50 °C</p> <p data-bbox="199 1776 638 1805">Maximum operating pressure: 10 bar</p> <p data-bbox="199 1809 726 1839">Max pressure at stated temp: 10 bar / 120 °C</p> <p data-bbox="199 1843 606 1872">Type of connection: DIN</p> <p data-bbox="199 1877 638 1906">Size of connection: DN 32</p> <p data-bbox="199 1910 654 1939">Pressure rating for connection: PN 6/10</p> <p data-bbox="199 1944 654 1973">Port-to-port length: 220 mm</p> <p data-bbox="199 1977 606 2007">Flange size for motor: 56C</p> <p data-bbox="199 2040 359 2069"><b>Electrical data:</b></p> <p data-bbox="199 2074 614 2103">Motor type: 71A</p> <p data-bbox="199 2107 606 2136">IE Efficiency class: IE5</p> <p data-bbox="199 2141 654 2170">Rated power - P2: 0.37 kW</p>

Qty.	Description																																		
1	<table> <tr> <td>Mains frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Rated voltage:</td> <td>1 x 200-240 V</td> </tr> <tr> <td>Rated current:</td> <td>2.55-2.20 A</td> </tr> <tr> <td>Cos phi - power factor:</td> <td>0.94</td> </tr> <tr> <td>Rated speed:</td> <td>480-5900 rpm</td> </tr> <tr> <td>Efficiency:</td> <td>82.3%</td> </tr> <tr> <td>Motor efficiency at full load:</td> <td>82.3 %</td> </tr> <tr> <td>Enclosure class (IEC 34-5):</td> <td>IP55</td> </tr> <tr> <td>Insulation class (IEC 85):</td> <td>F</td> </tr> <tr> <td>Motor No:</td> <td>99138022</td> </tr> <tr> <td colspan="2">Others:</td> </tr> <tr> <td>Minimum efficiency index, MEI ≥:</td> <td>0.70</td> </tr> <tr> <td>Net weight:</td> <td>43.4 kg</td> </tr> <tr> <td>Gross weight:</td> <td>56.7 kg</td> </tr> <tr> <td>Shipping volume:</td> <td>0.252 m<sup>3</sup></td> </tr> <tr> <td>Country of origin:</td> <td>HU</td> </tr> <tr> <td>Custom tariff no.:</td> <td>84137065</td> </tr> </table>	Mains frequency:	50 Hz	Rated voltage:	1 x 200-240 V	Rated current:	2.55-2.20 A	Cos phi - power factor:	0.94	Rated speed:	480-5900 rpm	Efficiency:	82.3%	Motor efficiency at full load:	82.3 %	Enclosure class (IEC 34-5):	IP55	Insulation class (IEC 85):	F	Motor No:	99138022	Others:		Minimum efficiency index, MEI ≥:	0.70	Net weight:	43.4 kg	Gross weight:	56.7 kg	Shipping volume:	0.252 m <sup>3</sup>	Country of origin:	HU	Custom tariff no.:	84137065
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Description	Value
<b>General information:</b>	
Product name:	TPE3 D 32-150 S-A-F-A-BQQE-DAC
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	4100 rpm
Rated flow:	10.8 m <sup>3</sup> /h
Rated head:	8.2 m
Maximum head:	150 dm
Actual impeller diameter:	62 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
<b>Materials:</b>	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Composite
Impeller:	PES+30% GF
Material code:	A
<b>Installation:</b>	
Range of ambient temperature:	-20 .. 50 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 120 °C
Type of connection:	DIN
Size of connection:	DN 32
Pressure rating for connection:	PN 6/10
Port-to-port length:	220 mm
Flange size for motor:	56C
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	71A
IE Efficiency class:	IE5
Rated power - P2:	0.37 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 200-240 V
Rated current:	2.55-2.20 A
Cos phi - power factor:	0.94
Rated speed:	480-5900 rpm
Efficiency:	82.3%
Motor efficiency at full load:	82.3 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	ELEC
Motor No:	99138022
<b>Controls:</b>	
Control panel:	HMI300 - Graphical
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
<b>Others:</b>	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	43.4 kg
Gross weight:	56.7 kg
Shipping volume:	0.252 m <sup>3</sup>
Config. file no:	98481451
Country of origin:	HU
Custom tariff no.:	84137065



# On request TPE3 D 32-150 S-A-F-A-BQQE-DAC 50 Hz



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

