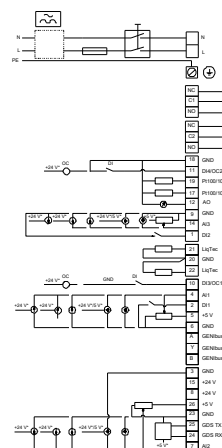
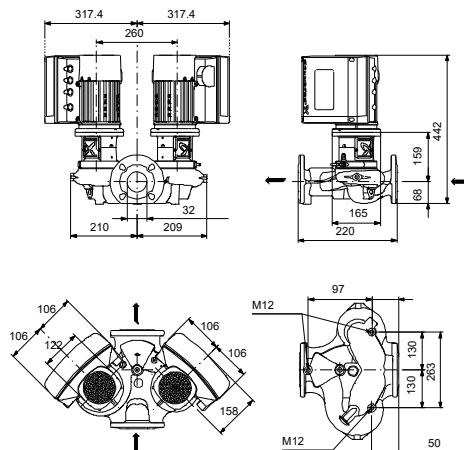
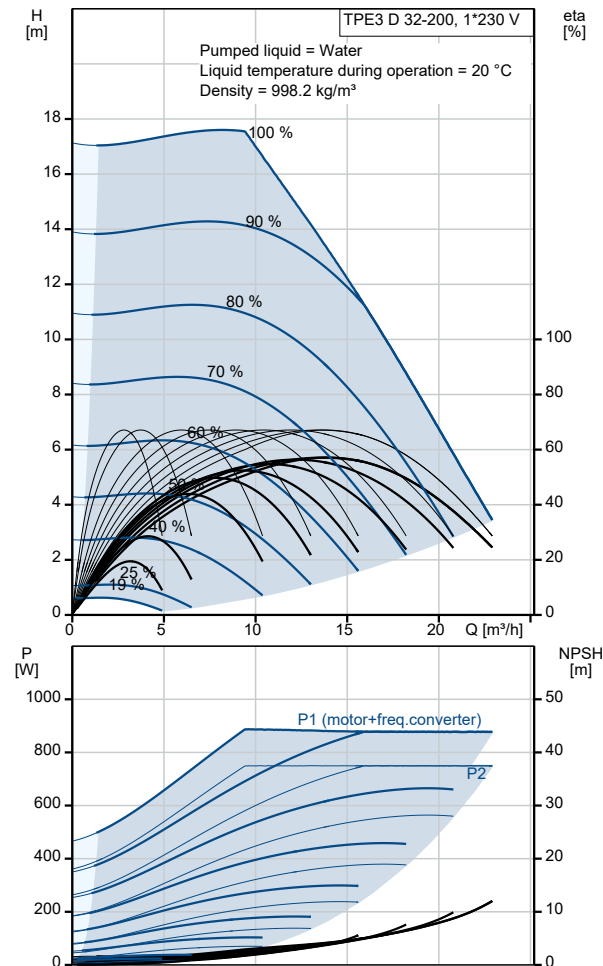


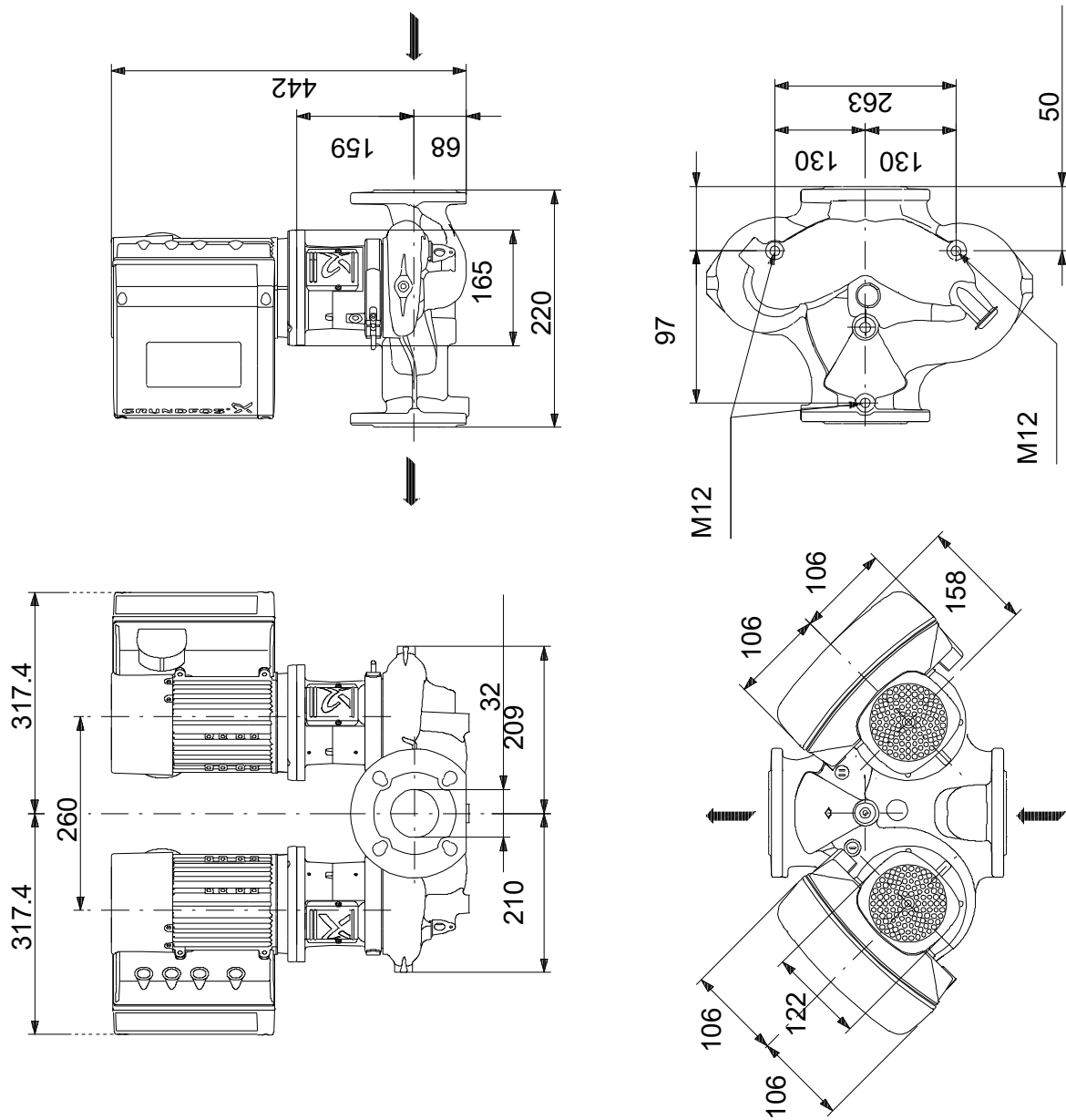
Qty.	Description																																																
1	TPE3 D 32-200 S-A-F-A-BQQE-FAC  Note! Product picture may differ from actual product Product No.: On request Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head 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 6/10 DIN flanges (EN 1092-2 and ISO 7005-2). 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. 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. The pump is fitted with a combined temperature- and differential pressure sensor. Controls: <table> <tr> <td>Frequency converter:</td><td>Built-in</td></tr> </table> Liquid: <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>-25 .. 120 °C</td></tr> <tr> <td>Selected liquid temperature:</td><td>20 °C</td></tr> <tr> <td>Density:</td><td>998.2 kg/m³</td></tr> </table> Technical: <table> <tr> <td>Pump speed on which pump data are based:</td><td>5200 rpm</td></tr> <tr> <td>Rated flow:</td><td>14 m³/h</td></tr> <tr> <td>Rated head:</td><td>13.1 m</td></tr> <tr> <td>Actual impeller diameter:</td><td>62 mm</td></tr> <tr> <td>Code for shaft seal:</td><td>BQQE</td></tr> <tr> <td>Curve tolerance:</td><td>ISO9906:2012 3B2</td></tr> </table> Materials: <table> <tr> <td>Pump housing:</td><td>Cast iron EN-GJL-250 ASTM class 35</td></tr> <tr> <td>Impeller:</td><td>Composite PES+30% GF</td></tr> </table> Installation: <table> <tr> <td>Range of ambient temperature:</td><td>-20 .. 50 °C</td></tr> <tr> <td>Maximum operating pressure:</td><td>10 bar</td></tr> <tr> <td>Max pressure at stated temp:</td><td>10 bar / 120 °C</td></tr> <tr> <td>Type of connection:</td><td>DIN</td></tr> <tr> <td>Size of connection:</td><td>DN 32</td></tr> <tr> <td>Pressure rating for connection:</td><td>PN 6/10</td></tr> <tr> <td>Port-to-port length:</td><td>220 mm</td></tr> <tr> <td>Flange size for motor:</td><td>56C</td></tr> </table> Electrical data: <table> <tr> <td>Motor type:</td><td>80A</td></tr> <tr> <td>IE Efficiency class:</td><td>IE5</td></tr> <tr> <td>Rated power - P2:</td><td>0.75 kW</td></tr> </table>	Frequency converter:	Built-in	Pumped liquid:	Water	Liquid temperature range:	-25 .. 120 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m ³	Pump speed on which pump data are based:	5200 rpm	Rated flow:	14 m ³ /h	Rated head:	13.1 m	Actual impeller diameter:	62 mm	Code for shaft seal:	BQQE	Curve tolerance:	ISO9906:2012 3B2	Pump housing:	Cast iron EN-GJL-250 ASTM class 35	Impeller:	Composite PES+30% GF	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	Motor type:	80A	IE Efficiency class:	IE5	Rated power - P2:	0.75 kW
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Qty.	Description
1	Mains frequency: 50 Hz Rated voltage: 1 x 200-240 V Rated current: 4.70-4.00 A Cos phi - power factor: 0.98 Rated speed: 480-5900 rpm Efficiency: 85.7% Motor efficiency at full load: 85.7 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99138024 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 43.4 kg Gross weight: 56.7 kg Shipping volume: 0.252 m³ Country of origin: HU Custom tariff no.: 84137065

Description	Value
General information:	
Product name:	TPE3 D 32-200 S-A-F-A-BQQE-FAC
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	5200 rpm
Rated flow:	14 m³/h
Rated head:	13.1 m
Maximum head:	200 dm
Actual impeller diameter:	62 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Composite
Impeller:	PES+30% GF
Material code:	A
Installation:	
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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	80A
IE Efficiency class:	IE5
Rated power - P2:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 200-240 V
Rated current:	4.70-4.00 A
Cos phi - power factor:	0.98
Rated speed:	480-5900 rpm
Efficiency:	85.7%
Motor efficiency at full load:	85.7 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	ELEC
Motor No:	99138024
Controls:	
Control panel:	HMI300 - Graphical
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	43.4 kg
Gross weight:	56.7 kg
Shipping volume:	0.252 m³
Config. file no:	98481453
Country of origin:	HU
Custom tariff no.:	84137065



On request TPE3 D 32-200 S-A-F-A-BQQE-FAC 50 Hz



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

