
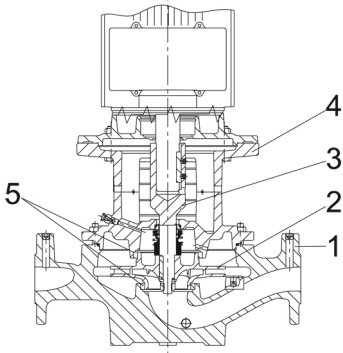
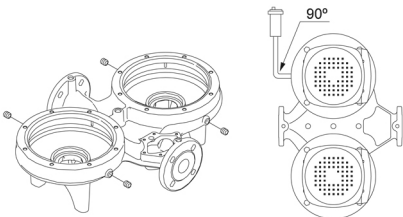
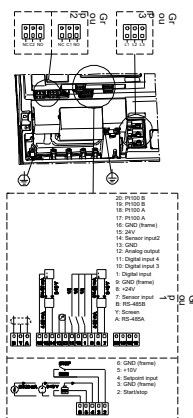
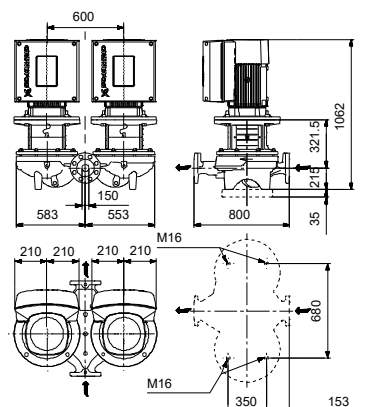
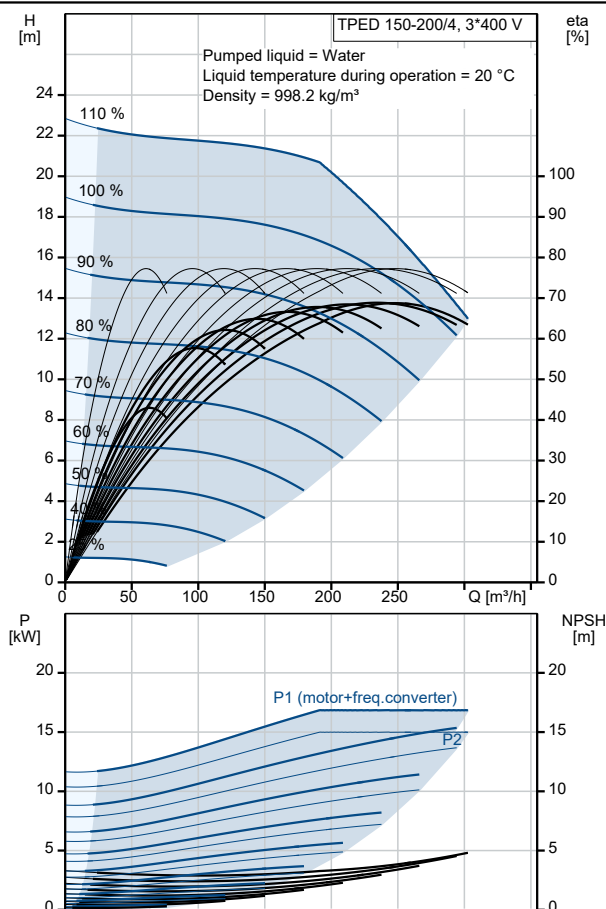


Qty.	Description
1	<p data-bbox="199 338 592 365">TPED 150-200/4 A-F-A-BQQE-OX3</p>  <p data-bbox="592 685 1062 707">Note! Product picture may differ from actual product</p> <p data-bbox="199 719 478 741">Product No.: On request</p> <p data-bbox="199 775 1458 826">Single-stage, close-coupled, volute 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="199 837 1398 887">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="199 898 911 920">Each power head is fitted with an unbalanced rubber bellows seal.</p> <p data-bbox="199 931 1458 954">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 data-bbox="199 987 1078 1010">Each power head is fitted with a fan-cooled asynchronous motor of identical size.</p> <p data-bbox="199 1021 1414 1070">A cable ensures communication between the two power heads. The selector switch in the terminal boxes enables changeover between the operating modes "alternating operation" and "standby operation".</p> <p data-bbox="199 1081 1458 1144">Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.</p> <p data-bbox="199 1178 280 1211">Pump</p>  <ul style="list-style-type: none"> <li data-bbox="199 1626 384 1648">1: Pump housing <li data-bbox="199 1659 316 1682">2: Impeller <li data-bbox="199 1693 341 1715">3: Stub shaft <li data-bbox="199 1727 480 1749">4: Pump head/motor stool <li data-bbox="199 1760 347 1783">5: Wear rings <p data-bbox="199 1783 1458 1832">The twin-head pump is designed with two parallel power-heads. A non-return flap valve in the common discharge port is opened by the flow of the pumped liquid and prevents backflow of liquid into the idle pump head.</p> <p data-bbox="199 1843 1406 1892">The pump housing is provided with a replaceable brass neck ring to reduce the amount of liquid running from the outlet side of the impeller to the inlet side.</p> <p data-bbox="199 1904 695 1926">The impeller is secured to the shaft with a nut.</p> <p data-bbox="199 1937 1458 2000">The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft.</p> <p data-bbox="199 2011 320 2033">Seal faces:</p> <ul style="list-style-type: none"> <li data-bbox="244 2045 788 2067">• Rotating seal ring material: silicon carbide (SiC) <li data-bbox="244 2078 759 2101">• Stationary seat material: silicon carbide (SiC)

Qty.	Description
	<p>This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.</p> <p>Secondary seal material: EPDM (ethylene-propylene rubber)</p> <p>EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.</p> <p>A circulation of liquid through the duct of the air vent screw ensures lubrication and cooling of the shaft seal.</p> <p>The pump housing has four Rp 1/8 tapplings for mounting of automatic air vents. Fit an air vent to the upper pump housing if the twin-head pump is to be installed in a horizontal pipeline with horizontal pump shaft.</p>  <p>The flanges have tapplings for mounting of pressure gauges.</p> <p>The motor stool forms connection between the pump housing and the motor, and is equipped with a manual air vent screw for venting of the pump housing and the shaft seal chamber. The sealing between motor stool and pump housing is an O-ring.</p> <p>The central part of the motor stool is provided with guards for protection against the shaft and coupling. The pump shaft is fastened directly on the motor shaft with key and set screws.</p> <p>The pump is mounted with a base plate.</p> <p>Motor</p> <p>The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.</p> <p>The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.</p> <p>The motor requires no external motor protection. The motor control unit incorporates protection against slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.</p> <p>Further product details</p> <p>Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.</p> <p>Technical data</p> <p>Controls:</p> <p>Frequency converter: Built-in</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -25 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Pump speed on which pump data are based: 1460 rpm</p> <p>Rated flow: 233 m³/h</p> <p>Rated head: 15.7 m</p> <p>Actual impeller diameter: 243 mm</p> <p>Code for shaft seal: BQQE</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Pump housing: Cast iron EN-GJL-250</p>

Qty.	Description
	<p>ASTM class 35</p> <p>Impeller: Cast iron</p> <p>EN-GJL-200</p> <p>ASTM class 30</p> <p>Installation:</p> <p>Range of ambient temperature: -20 .. 40 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C</p> <p>Type of connection: DIN</p> <p>Size of connection: DN 150</p> <p>Pressure rating for connection: PN 16</p> <p>Port-to-port length: 800 mm</p> <p>Flange size for motor: FF300</p> <p>Electrical data:</p> <p>Motor type: 160LB</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 15 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-480 V</p> <p>Rated current: 30.0-25.4 A</p> <p>Cos phi - power factor: 0.90-0.85</p> <p>Rated speed: 240-1750 rpm</p> <p>Efficiency: IE3 92,1%</p> <p>Motor efficiency at full load: 92.1 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 86906195</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.65</p> <p>Net weight: 790 kg</p> <p>Gross weight: 853 kg</p> <p>Shipping volume: 1.87 m³</p> <p>Country of origin: HU</p> <p>Custom tariff no.: 84137065</p>

Description	Value
General information:	
Product name:	TPED 150-200/4 A-F-A-BQQE-OX3
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1460 rpm
Rated flow:	233 m³/h
Rated head:	15.7 m
Maximum head:	200 dm
Actual impeller diameter:	243 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Cast iron
Impeller:	EN-GJL-200
Impeller:	ASTM class 30
Material code:	A
Installation:	
Range of ambient temperature:	-20 .. 40 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Type of connection:	DIN
Size of connection:	DN 150
Pressure rating for connection:	PN 16
Port-to-port length:	800 mm
Flange size for motor:	FF300
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:	160LB
IE Efficiency class:	IE3
Rated power - P2:	15 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-480 V
Rated current:	30.0-25.4 A
Cos phi - power factor:	0.90-0.85
Rated speed:	240-1750 rpm
Efficiency:	IE3 92,1%
Motor efficiency at full load:	92.1 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	YES
Motor No:	86906195
Controls:	
Control panel:	Standard
Function Module:	TPED
Frequency converter:	Built-in
Others:	





Company name:

Created by:

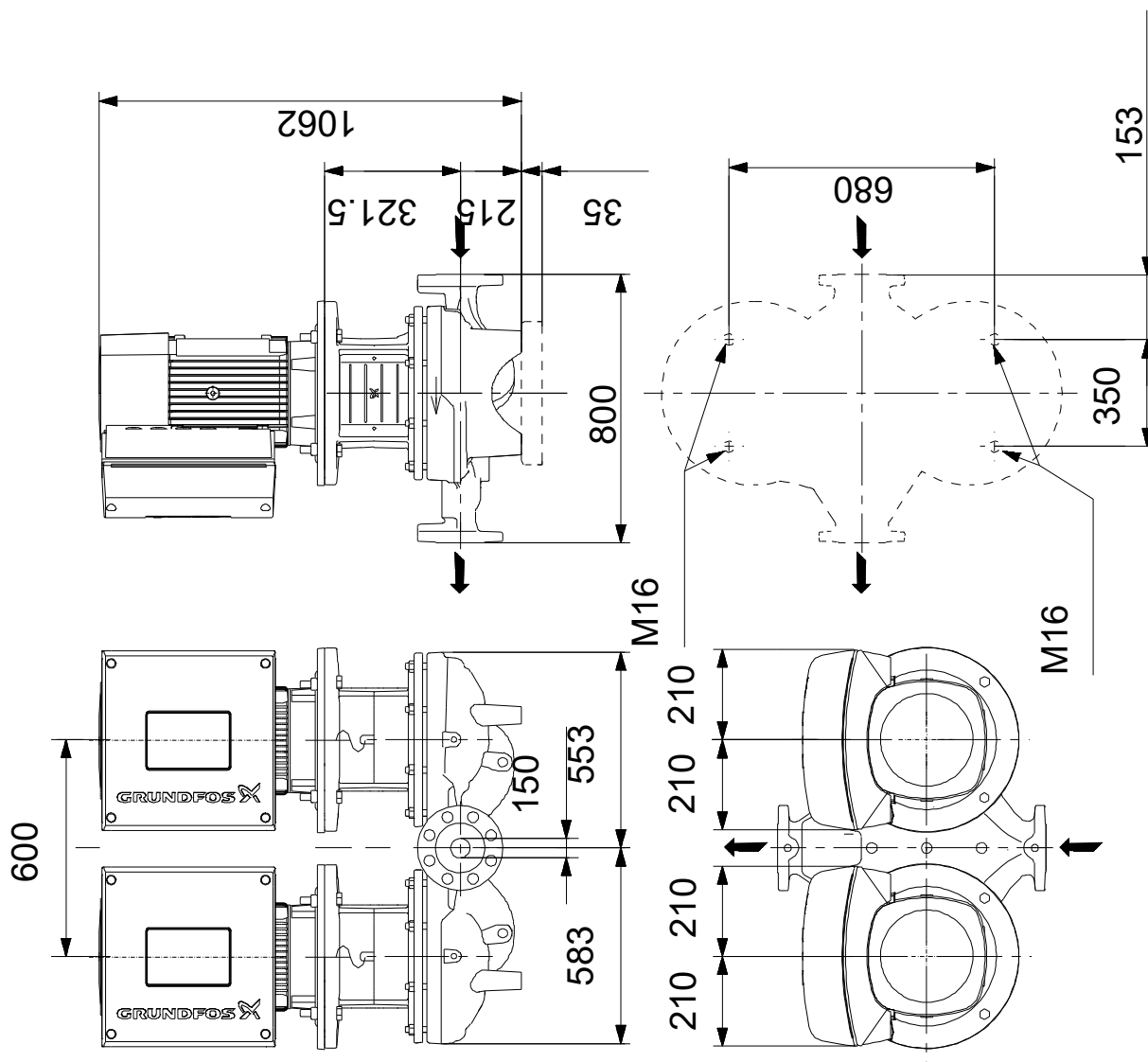
Phone:

Date:

16/06/2022

Description	Value
Minimum efficiency index, MEI ≥:	0.65
Net weight:	790 kg
Gross weight:	853 kg
Shipping volume:	1.87 m ³
Config. file no:	95139410
Country of origin:	HU
Custom tariff no.:	84137065

On request TPED 150-200/4 A-F-A-BQQE-OX3 50 Hz



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



Company name:

Created by:

Phone:

Date:

16/06/2022

Order Data:

Product name: TPED 150-200/4

Amount: 1

Product No: On request

Total: Price on request
