

Qty.	Description
1	<p data-bbox="201 338 606 369"><b>TPE2 D 32-180 N-A-F-A-BQQE-EYC</b></p> <p data-bbox="201 371 478 403">Product No.: On request</p> <p data-bbox="201 432 1460 528">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 data-bbox="201 544 1460 595">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 data-bbox="201 602 1388 654">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="201 689 300 721"><b>Controls:</b></p> <p data-bbox="201 723 638 754">Frequency converter: Built-in</p> <p data-bbox="201 779 274 810"><b>Liquid:</b></p> <p data-bbox="201 813 630 844">Pumped liquid: Water</p> <p data-bbox="201 846 702 878">Liquid temperature range: -25 .. 120 °C</p> <p data-bbox="201 880 630 911">Selected liquid temperature: 20 °C</p> <p data-bbox="201 913 694 945">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="201 969 316 1001"><b>Technical:</b></p> <p data-bbox="201 1003 821 1034">Pump speed on which pump data are based: 4700 rpm</p> <p data-bbox="201 1037 670 1068">Rated flow: 11.7 m<sup>3</sup>/h</p> <p data-bbox="201 1070 638 1102">Rated head: 11.1 m</p> <p data-bbox="201 1104 638 1135">Actual impeller diameter: 62 mm</p> <p data-bbox="201 1137 638 1169">Code for shaft seal: BQQE</p> <p data-bbox="201 1171 774 1202">Curve tolerance: ISO9906:2012 3B2</p> <p data-bbox="201 1227 311 1258"><b>Materials:</b></p> <p data-bbox="201 1261 726 1312">Pump housing: Cast iron EN-GJL-250 ASTM class 35</p> <p data-bbox="201 1328 718 1379">Impeller: Composite PES+30% GF</p> <p data-bbox="201 1404 327 1435"><b>Installation:</b></p> <p data-bbox="201 1438 694 1469">Range of ambient temperature: -20 .. 50 °C</p> <p data-bbox="201 1471 638 1503">Maximum operating pressure: 10 bar</p> <p data-bbox="201 1505 726 1536">Max pressure at stated temp: 10 bar / 120 °C</p> <p data-bbox="201 1538 606 1570">Type of connection: DIN</p> <p data-bbox="201 1572 638 1603">Size of connection: DN 32</p> <p data-bbox="201 1606 654 1637">Pressure rating for connection: PN 6/10</p> <p data-bbox="201 1639 654 1671">Port-to-port length: 220 mm</p> <p data-bbox="201 1673 606 1704">Flange size for motor: 56C</p> <p data-bbox="201 1729 359 1760"><b>Electrical data:</b></p> <p data-bbox="201 1762 606 1794">Motor type: 71A</p> <p data-bbox="201 1796 654 1827">Rated power - P2: 0.55 kW</p> <p data-bbox="201 1830 678 1861">Mains frequency: 50 / 60 Hz</p> <p data-bbox="201 1863 718 1895">Rated voltage: 1 x 200-240 V</p> <p data-bbox="201 1897 694 1928">Rated current: 3.60-3.00 A</p> <p data-bbox="201 1930 606 1962">Cos phi - power factor: 0.96</p> <p data-bbox="201 1964 718 1995">Rated speed: 480-5900 rpm</p> <p data-bbox="201 1998 606 2029">IE Efficiency class: IE5</p> <p data-bbox="201 2031 638 2063">Motor efficiency at full load: 84.9 %</p> <p data-bbox="201 2065 606 2096">Enclosure class (IEC 34-5): IP55</p> <p data-bbox="201 2098 574 2130">Insulation class (IEC 85): F</p> <p data-bbox="201 2132 678 2163">Motor No: 99138028</p>



Company name:

Created by:

Phone:

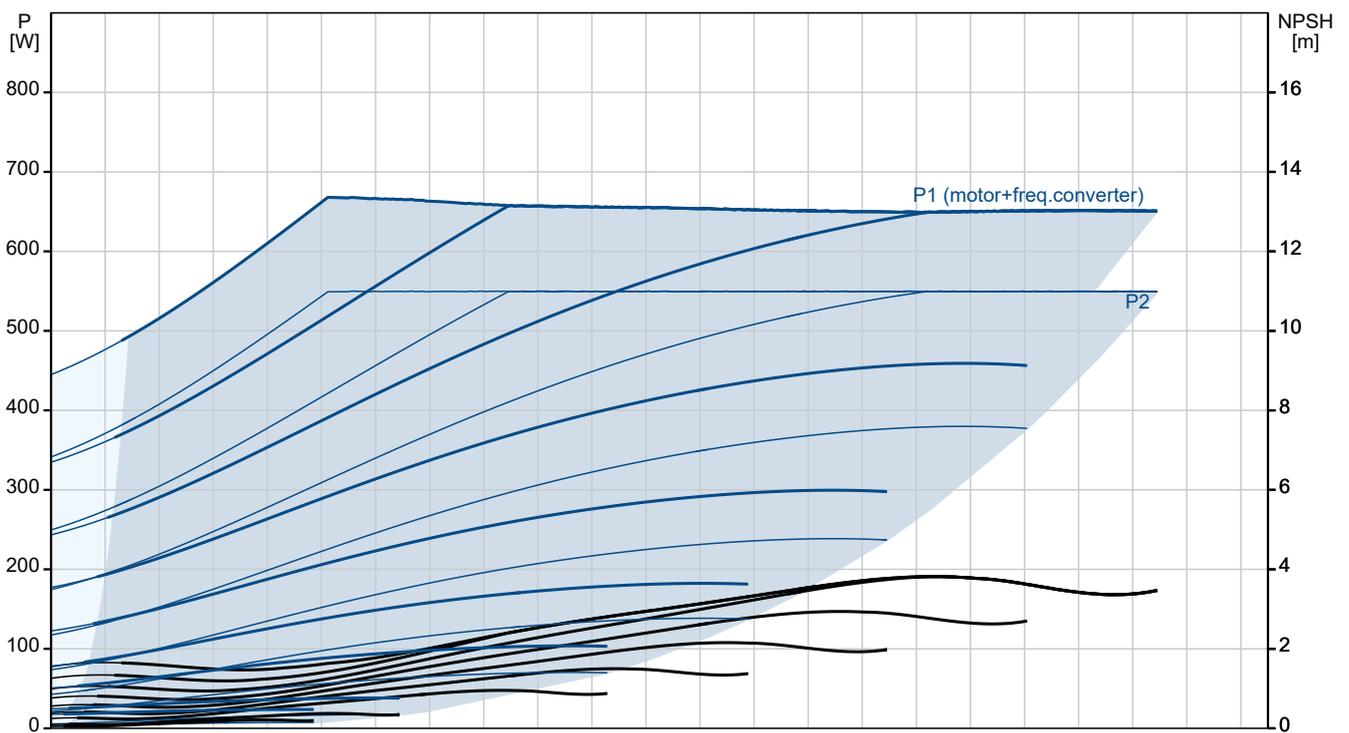
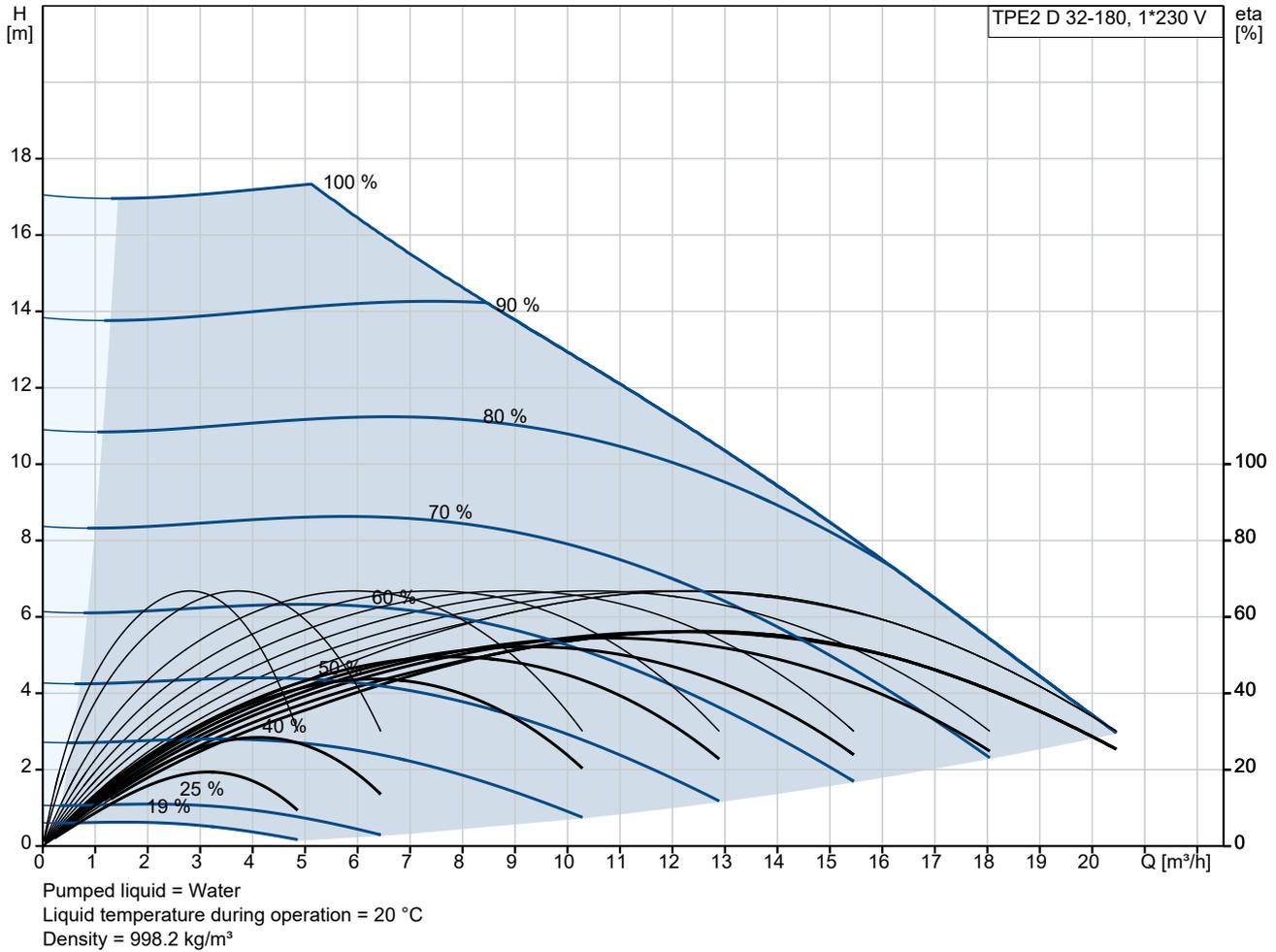
Date:

26/04/2023

Qty.	Description
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1	Others: Minimum efficiency index, MEI $\geq$ : 0.70 Net weight: 43.5 kg Gross weight: 56.8 kg Shipping volume: 0.252 m <sup>3</sup> Country of origin: HU Custom tariff no.: 84137065
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## On request TPE2 D 32-180 N-A-F-A-BQQE-EYC







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Created by:

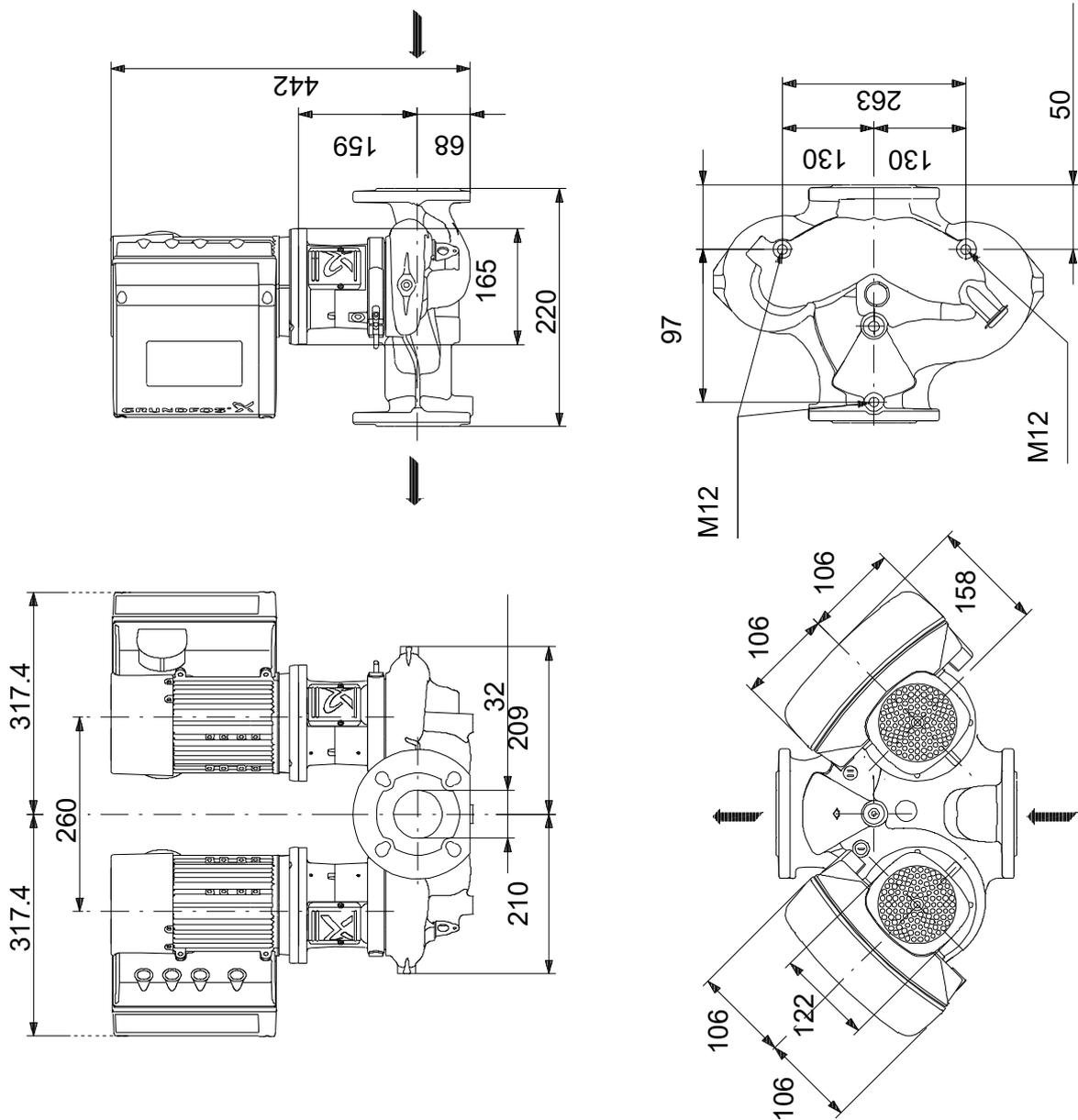
Phone:

Date:

26/04/2023

Description	Value
Gross weight:	56.8 kg
Shipping volume:	0.252 m <sup>3</sup>
Config. file no:	98819166
Country of origin:	HU
Custom tariff no.:	84137065

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