
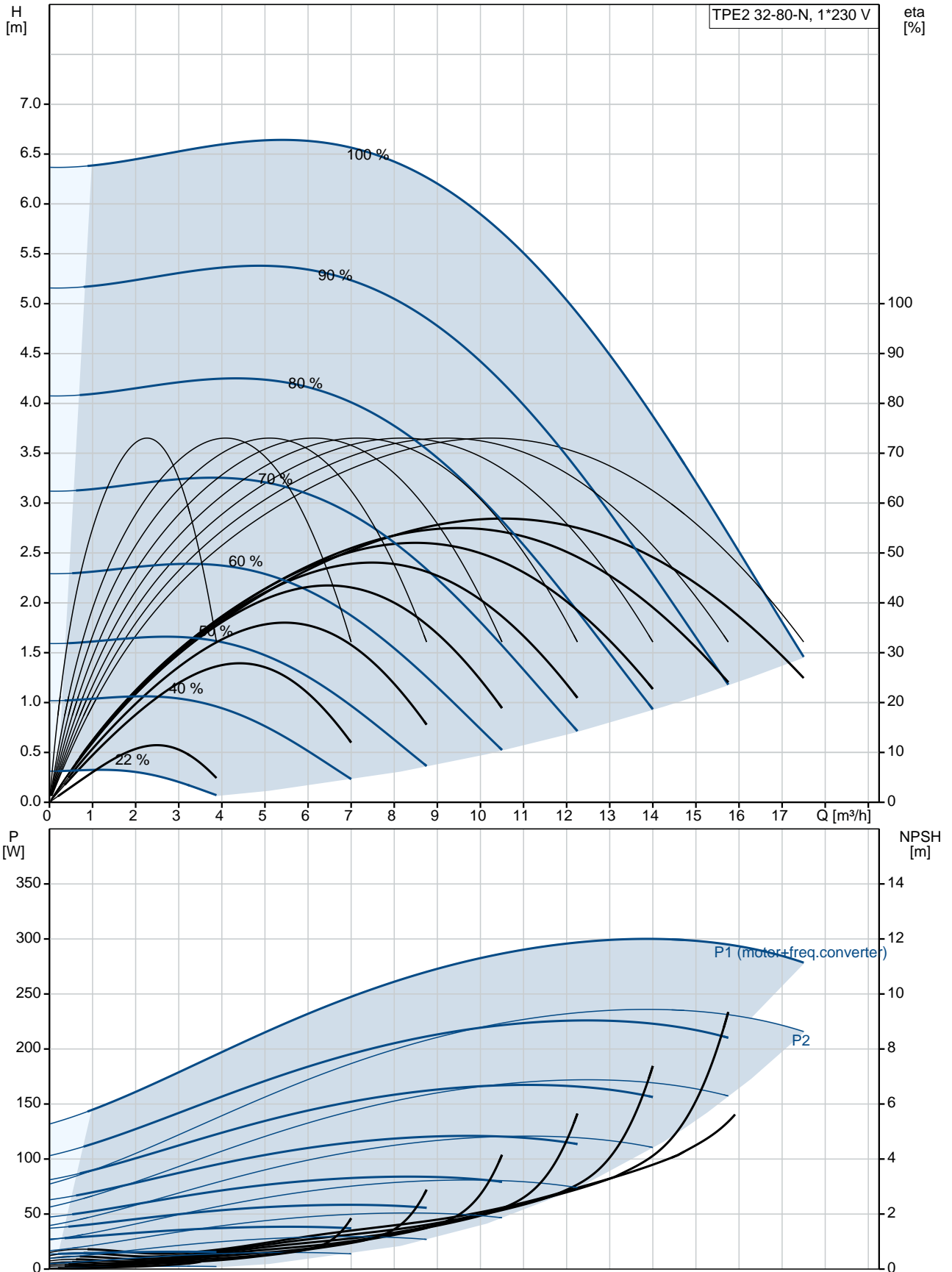


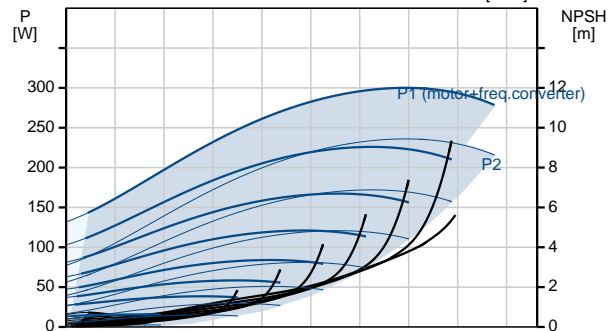
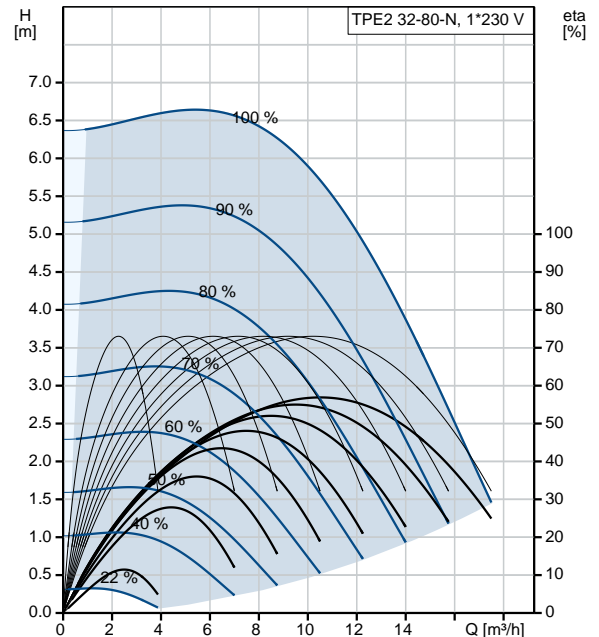
| Qty. | Description |
|------|---|
| 1 | <p data-bbox="199 336 518 369">TPE2 32-80-N A-F-A-BQQE</p>  <p data-bbox="199 660 470 694">Product No.: 98438338</p> <p data-bbox="199 716 1444 795">Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump 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 data-bbox="199 806 1412 862">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="199 862 1444 918">The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.</p> <p data-bbox="199 918 1428 974">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 1041 319 1070">Controls:</p> <p data-bbox="199 1070 646 1102">Frequency converter: Built-in</p> <p data-bbox="199 1131 295 1160">Liquid:</p> <p data-bbox="199 1160 638 1191">Pumped liquid: Water</p> <p data-bbox="199 1191 710 1223">Liquid temperature range: -25 .. 120 °C</p> <p data-bbox="199 1223 694 1254">Liquid temperature during operation: 20 °C</p> <p data-bbox="199 1254 702 1285">Density: 998.2 kg/m³</p> <p data-bbox="199 1310 327 1339">Technical:</p> <p data-bbox="199 1339 821 1370">Pump speed on which pump data are based: 3450 rpm</p> <p data-bbox="199 1370 678 1402">Rated flow: 10.7 m³/h</p> <p data-bbox="199 1402 630 1433">Rated head: 5.9 m</p> <p data-bbox="199 1433 646 1464">Actual impeller diameter: 62 mm</p> <p data-bbox="199 1464 646 1496">Primary shaft seal: BQQE</p> <p data-bbox="199 1496 766 1527">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1552 327 1581">Materials:</p> <p data-bbox="199 1581 750 1668">Pump housing: Cast iron EN-JL1040 ASTM A48-40 B</p> <p data-bbox="199 1668 877 1700">Impeller: Composite PES/PP 30% GF</p> <p data-bbox="199 1724 343 1753">Installation:</p> <p data-bbox="199 1753 694 1785">Range of ambient temperature: -20 .. 50 °C</p> <p data-bbox="199 1785 638 1816">Maximum operating pressure: 10 bar</p> <p data-bbox="199 1816 614 1848">Flange standard: DIN</p> <p data-bbox="199 1848 638 1879">Pipe connection: DN 32</p> <p data-bbox="199 1879 662 1910">Pressure rating: PN 6/10</p> <p data-bbox="199 1910 662 1942">Port-to-port length: 220 mm</p> <p data-bbox="199 1942 614 1973">Flange size for motor: 56C</p> <p data-bbox="199 1998 383 2027">Electrical data:</p> <p data-bbox="199 2027 614 2058">Motor type: 71A</p> <p data-bbox="199 2058 614 2089">IE Efficiency class: IE5</p> <p data-bbox="199 2089 662 2121">Rated power - P2: 0.25 kW</p> |

| Qty. | Description |
|------|--|
| | <p>Mains frequency: 50 Hz Rated voltage: 1 x 200-240 V Rated current: 1.75-1.50 A Cos phi - power factor: 0.95 Rated speed: 360-4000 rpm Efficiency: 81.1% Motor efficiency at full load: 81.1 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F</p> <p>Others: Minimum efficiency index, MEI =: 0.7 ErP status: EuP Standalone/Prod. Net weight: 21.9 kg Gross weight: 29 kg Shipping volume: 0.1 m³ Danish VVS No.: 382200080 Norwegian NRF no.: 9043473</p> |

98438338 TPE2 32-80-N A-F-A-BQQE 50 Hz



| Description | Value |
|--|-------------------------|
| General information: | |
| Product name: | TPE2 32-80-N A-F-A-BQQE |
| Product No: | 98438338 |
| EAN number: | 5711495017064 |
| Technical: | |
| Pump speed on which pump data are based: | 3450 rpm |
| Rated flow: | 10.7 m ³ /h |
| Rated head: | 5.9 m |
| Head max: | 80 dm |
| Actual impeller diameter: | 62 mm |
| Primary shaft seal: | BQQE |
| Curve tolerance: | ISO9906:2012 3B |
| Pump version: | A |
| Model: | A |
| Materials: | |
| Pump housing: | Cast iron |
| | EN-JL1040 |
| | ASTM A48-40 B |
| Impeller: | Composite PES/PP 30% GF |
| Material code: | A |
| Installation: | |
| Range of ambient temperature: | -20 .. 50 °C |
| Maximum operating pressure: | 10 bar |
| Flange standard: | DIN |
| Pipe connection: | DN 32 |
| Pressure rating: | 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 |
| Liquid temperature during operation: | 20 °C |
| Density: | 998.2 kg/m ³ |
| Electrical data: | |
| Motor type: | 71A |
| IE Efficiency class: | IE5 |
| Rated power - P2: | 0.25 kW |
| Mains frequency: | 50 Hz |
| Rated voltage: | 1 x 200-240 V |
| Rated current: | 1.75-1.50 A |
| Cos phi - power factor: | 0.95 |
| Rated speed: | 360-4000 rpm |
| Efficiency: | 81.1% |
| Motor efficiency at full load: | 81.1 % |
| Enclosure class (IEC 34-5): | IP55 |
| Insulation class (IEC 85): | F |
| Motor protec: | YES |
| Motor No: | 99137989 |
| Controls: | |
| Control panel: | HMI200 - Standard |
| Function Module: | FM300 - Advanced |
| Frequency converter: | Built-in |
| Others: | |
| Minimum efficiency index, MEI =: | 0.7 |
| ErP status: | EuP Standalone/Prod. |
| Net weight: | 21.9 kg |





Company name:

Created by:

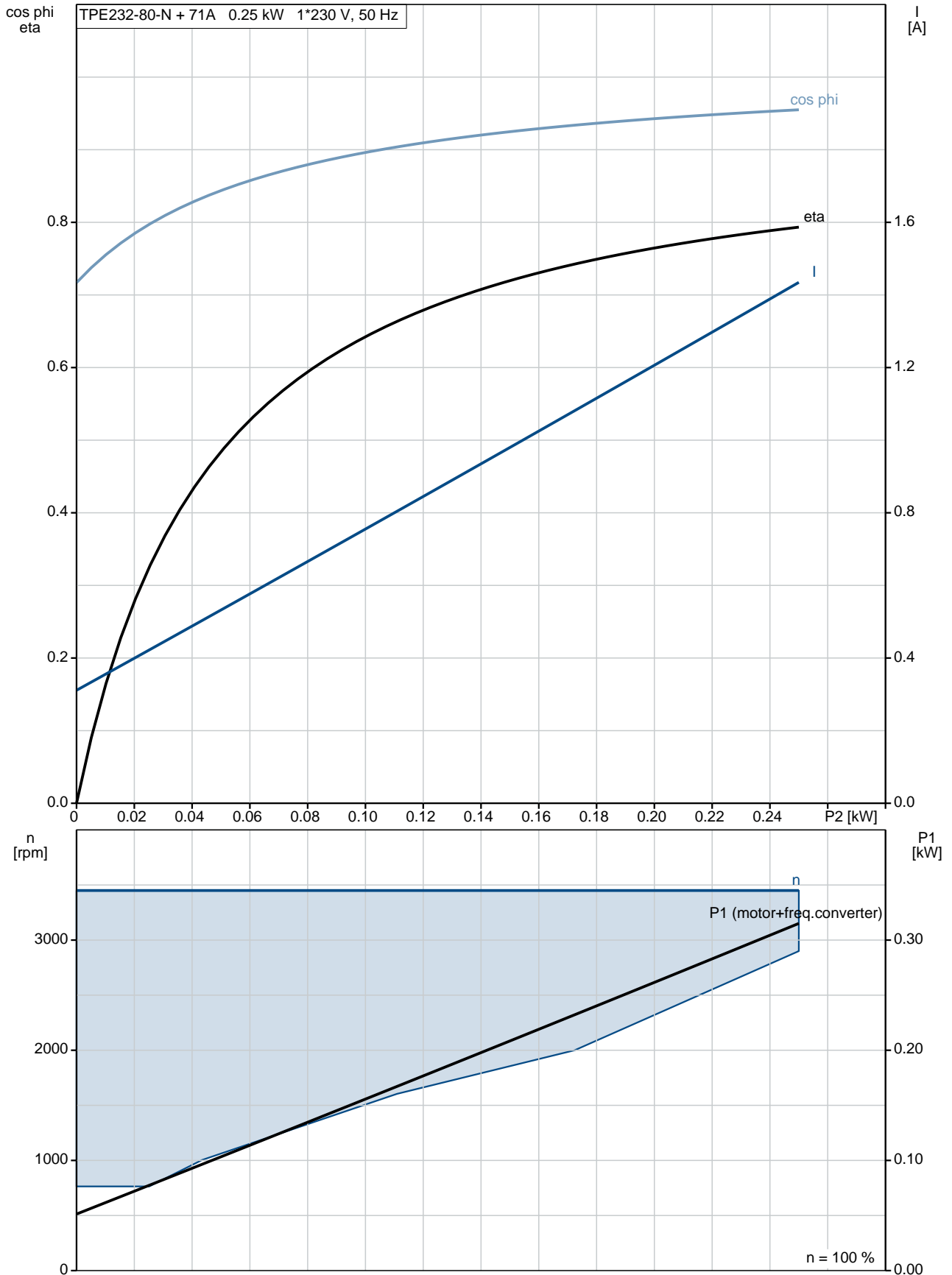
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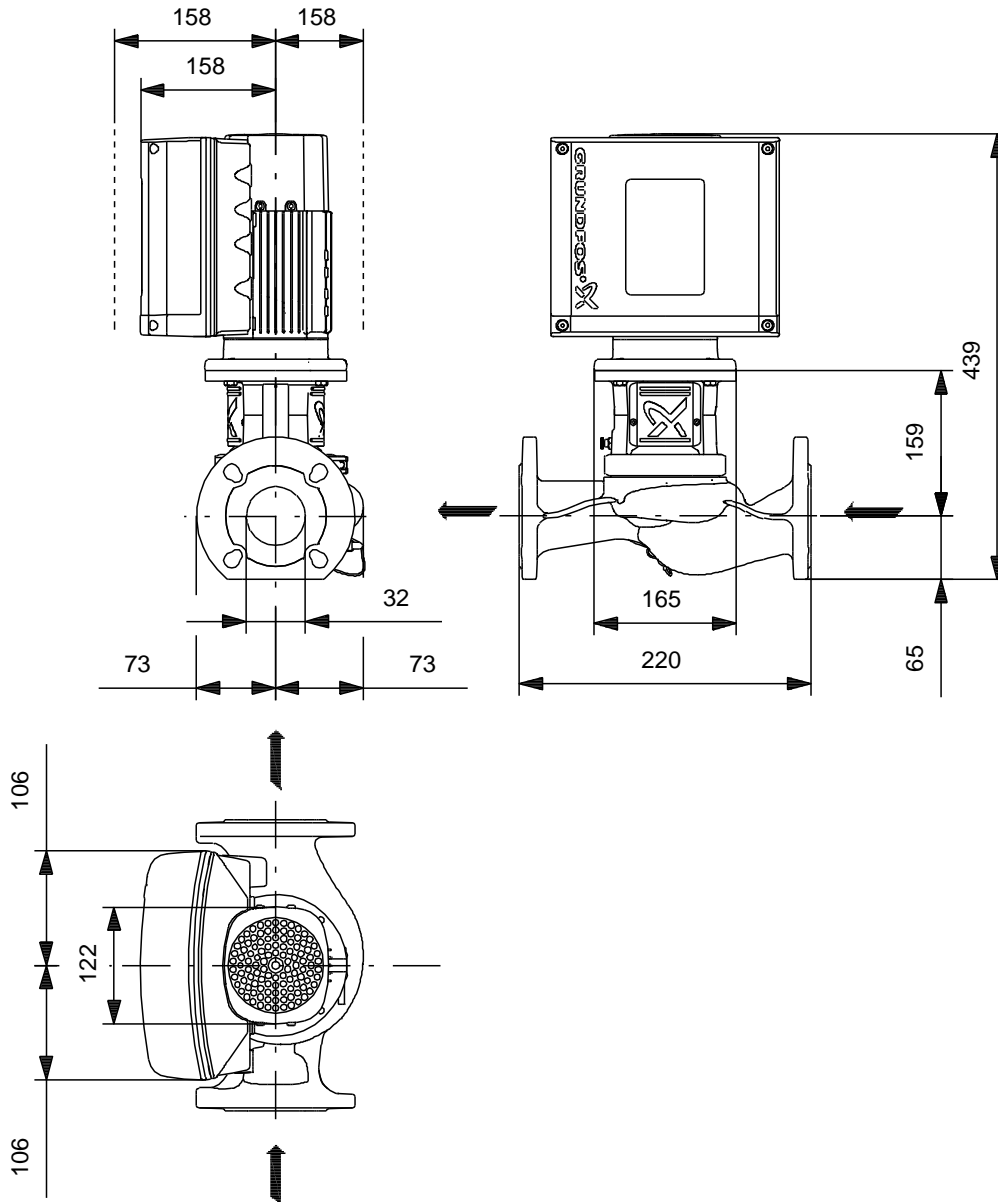
21/12/2018

| Description | Value |
|--------------------|--------------------|
| Gross weight: | 29 kg |
| Shipping volume: | 0.1 m ³ |
| Config. file no: | 98819163 |
| Danish VVS No.: | 382200080 |
| Norwegian NRF no.: | 9043473 |

98438338 TPE2 32-80-N A-F-A-BQQE 50 Hz

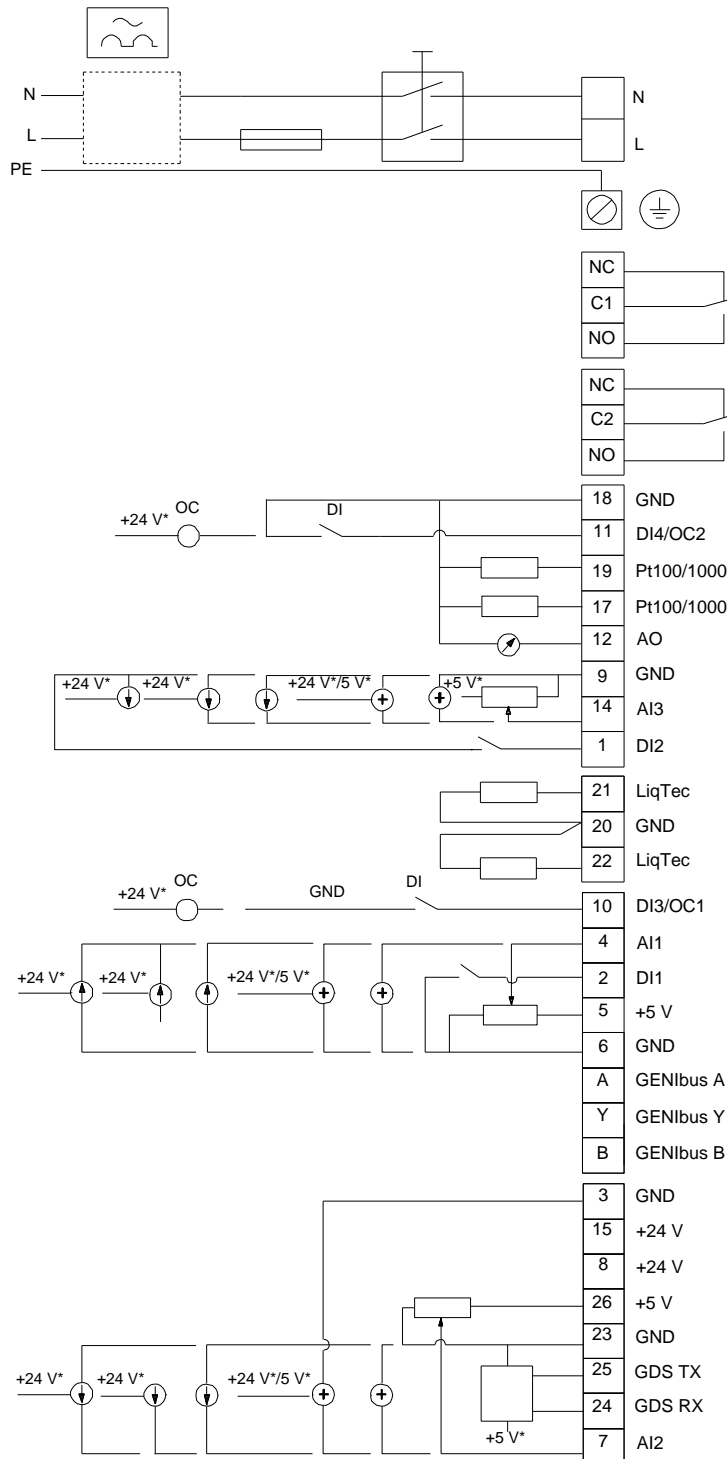


98438338 TPE2 32-80-N A-F-A-BQQE 50 Hz



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

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