
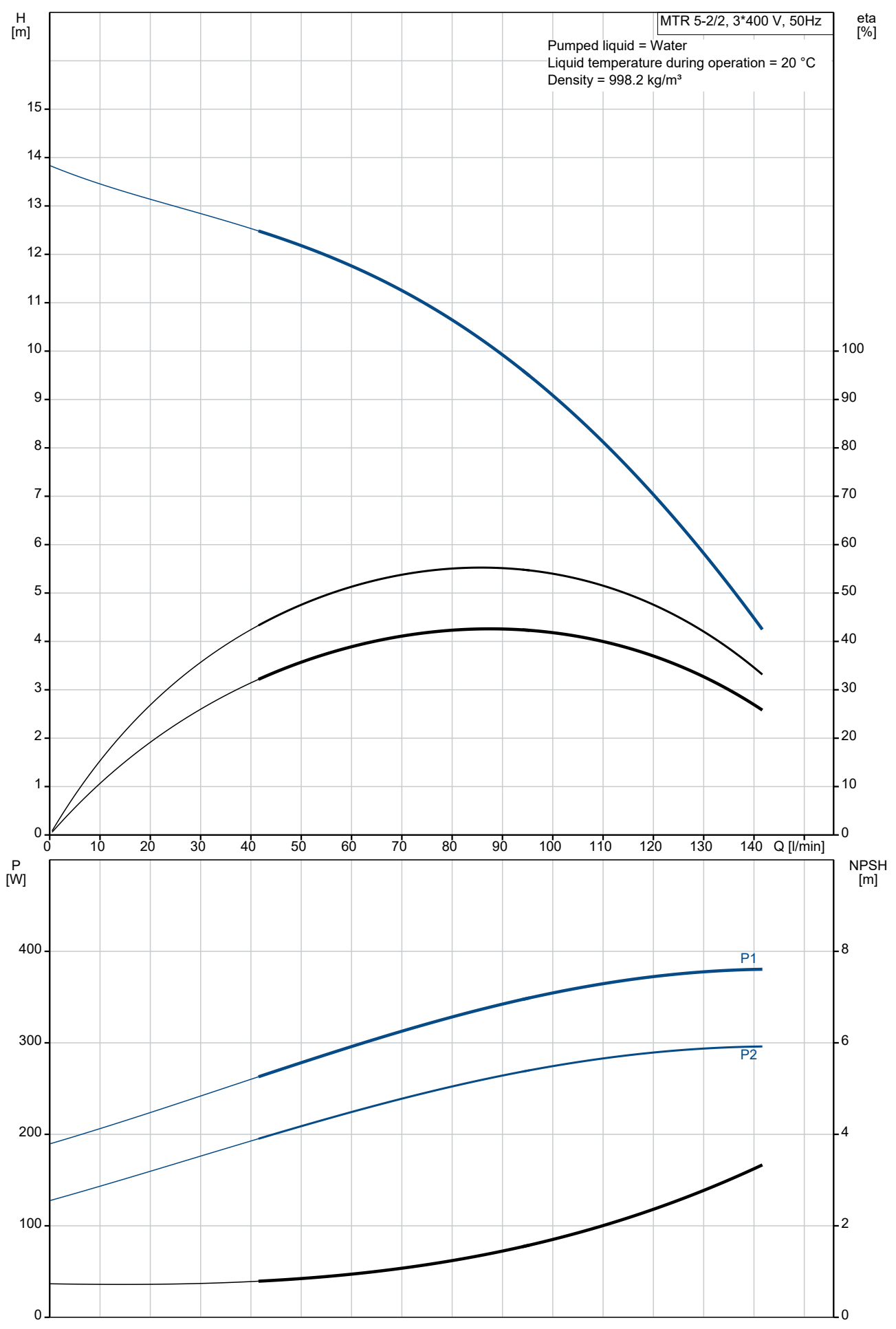


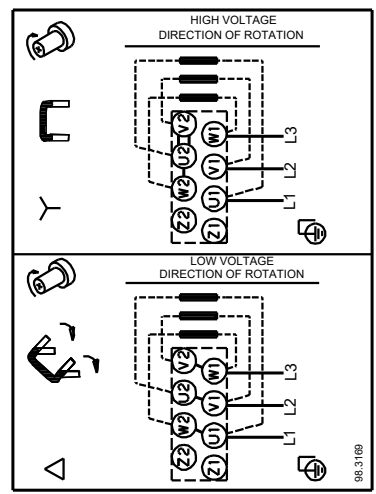
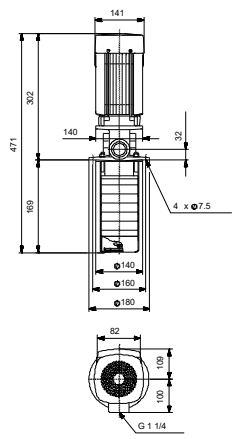
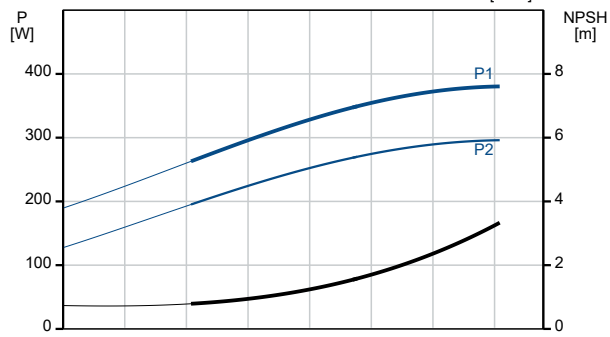
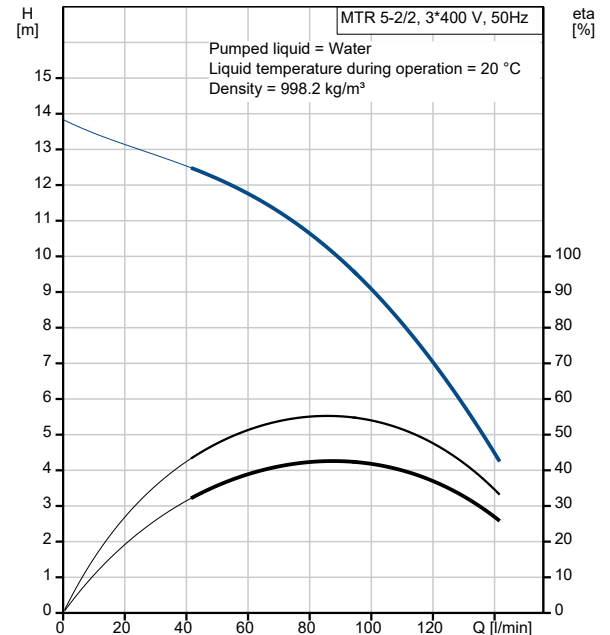
| Qty. | Description |
|------|---|
| 1 | <p data-bbox="199 159 475 188">MTR 5-2/2 A-W-A-HUUV</p>  <p data-bbox="199 481 480 510">Product No.: On request</p> <p data-bbox="199 542 1430 620">Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul data-bbox="240 629 1117 745" style="list-style-type: none"> • Dimensions according to DIN 5440. • Impellers, intermediate chambers and spline shaft are made of Stainless steel. • Mechanical shaft seal according to EN 12756. • Power transmission via sintered metal split coupling. <p data-bbox="199 748 1430 799">A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 835 300 864">Controls:</p> <p data-bbox="199 866 636 896">Frequency converter: NONE</p> <p data-bbox="199 925 276 954">Liquid:</p> <p data-bbox="199 956 632 985">Pumped liquid: Water</p> <p data-bbox="199 987 691 1016">Liquid temperature range: -10 .. 90 °C</p> <p data-bbox="199 1019 632 1048">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1050 695 1079">Density: 998.2 kg/m³</p> <p data-bbox="199 1108 316 1137">Technical:</p> <p data-bbox="199 1140 820 1169">Pump speed on which pump data are based: 2873 rpm</p> <p data-bbox="199 1171 671 1200">Rated flow: 96.7 l/min</p> <p data-bbox="199 1202 628 1232">Rated head: 9.7 m</p> <p data-bbox="199 1234 580 1263">Chambers: 2</p> <p data-bbox="199 1265 580 1294">Drainage back to tank: N</p> <p data-bbox="199 1296 647 1326">Pump orientation: Vertical</p> <p data-bbox="199 1328 636 1357">Code for shaft seal: HUUV</p> <p data-bbox="199 1359 657 1388">Approvals: CE,EAC</p> <p data-bbox="199 1391 759 1420">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1449 309 1478">Materials:</p> <p data-bbox="199 1480 802 1559">Pump head: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</p> <p data-bbox="199 1561 724 1639">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1668 325 1697">Installation:</p> <p data-bbox="199 1700 628 1729">t max amb: 60 °C</p> <p data-bbox="199 1731 636 1760">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1762 716 1792">Max pressure at stated temp: 25 bar / 90 °C</p> <p data-bbox="199 1794 746 1823">Type of connection: G internal thread</p> <p data-bbox="199 1825 671 1854">Size of outlet connection: 1 1/4 inch</p> <p data-bbox="199 1856 655 1886">Immersion depth: 169 mm</p> <p data-bbox="199 1888 624 1917">Flange size for motor: FT85</p> <p data-bbox="199 1946 363 1975">Electrical data:</p> <p data-bbox="199 1977 608 2007">Motor standard: IEC</p> <p data-bbox="199 2009 612 2038">Motor type: 71A</p> <p data-bbox="199 2040 604 2069">IE Efficiency class: IE3</p> <p data-bbox="199 2072 655 2101">Rated power - P2: 0.37 kW</p> |

| Qty. | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|------------------|-------|------------------------|---|----------------|-------------------------|----------------|-------------|-------------------|-----------|-------------------------|-----------|--------------|---------------|-------------|-----------|--------------------------------|--------|-------------------------------|--------|-------------------------------|--------|------------------|---|-----------------------------|-----------------|----------------------------|---|-----------|----------|---------|--|------------------------|---|----------------------------------|------|-------------|---------|---------------|---------|------------------|----------------------|--------------------|----|--------------------|----------|
| 1 | <table> <tr> <td>Mains frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Suitable for 50/60 Hz:</td> <td>N</td> </tr> <tr> <td>Rated voltage:</td> <td>3 x 220-240D/380-415Y V</td> </tr> <tr> <td>Rated current:</td> <td>1.74/1.00 A</td> </tr> <tr> <td>Starting current:</td> <td>490-530 %</td> </tr> <tr> <td>Cos phi - power factor:</td> <td>0.80-0.70</td> </tr> <tr> <td>Rated speed:</td> <td>2850-2880 rpm</td> </tr> <tr> <td>Efficiency:</td> <td>IE3 73,8%</td> </tr> <tr> <td>Motor efficiency at full load:</td> <td>73.8 %</td> </tr> <tr> <td>Motor efficiency at 3/4 load:</td> <td>79.0 %</td> </tr> <tr> <td>Motor efficiency at 1/2 load:</td> <td>75.5 %</td> </tr> <tr> <td>Number of poles:</td> <td>2</td> </tr> <tr> <td>Enclosure class (IEC 34-5):</td> <td>55 Dust/Jetting</td> </tr> <tr> <td>Insulation class (IEC 85):</td> <td>F</td> </tr> <tr> <td>Motor No:</td> <td>85805102</td> </tr> <tr> <td colspan="2">Others:</td> </tr> <tr> <td>Terminal box position:</td> <td>6</td> </tr> <tr> <td>Minimum efficiency index, MEI ≥:</td> <td>0.57</td> </tr> <tr> <td>Net weight:</td> <td>13.2 kg</td> </tr> <tr> <td>Gross weight:</td> <td>16.3 kg</td> </tr> <tr> <td>Shipping volume:</td> <td>0.045 m³</td> </tr> <tr> <td>Country of origin:</td> <td>HU</td> </tr> <tr> <td>Custom tariff no.:</td> <td>84137075</td> </tr> </table> | Mains frequency: | 50 Hz | Suitable for 50/60 Hz: | N | Rated voltage: | 3 x 220-240D/380-415Y V | Rated current: | 1.74/1.00 A | Starting current: | 490-530 % | Cos phi - power factor: | 0.80-0.70 | Rated speed: | 2850-2880 rpm | Efficiency: | IE3 73,8% | Motor efficiency at full load: | 73.8 % | Motor efficiency at 3/4 load: | 79.0 % | Motor efficiency at 1/2 load: | 75.5 % | Number of poles: | 2 | Enclosure class (IEC 34-5): | 55 Dust/Jetting | Insulation class (IEC 85): | F | Motor No: | 85805102 | Others: | | Terminal box position: | 6 | Minimum efficiency index, MEI ≥: | 0.57 | Net weight: | 13.2 kg | Gross weight: | 16.3 kg | Shipping volume: | 0.045 m ³ | Country of origin: | HU | Custom tariff no.: | 84137075 |
| Mains frequency: | 50 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Suitable for 50/60 Hz: | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated voltage: | 3 x 220-240D/380-415Y V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated current: | 1.74/1.00 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Starting current: | 490-530 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cos phi - power factor: | 0.80-0.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated speed: | 2850-2880 rpm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Efficiency: | IE3 73,8% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motor efficiency at full load: | 73.8 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motor efficiency at 3/4 load: | 79.0 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motor efficiency at 1/2 load: | 75.5 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of poles: | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insulation class (IEC 85): | F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motor No: | 85805102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Others: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal box position: | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minimum efficiency index, MEI ≥: | 0.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Net weight: | 13.2 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gross weight: | 16.3 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shipping volume: | 0.045 m ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Country of origin: | HU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Custom tariff no.: | 84137075 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

On request MTR 5-2/2 A-W-A-HUUV 50 Hz

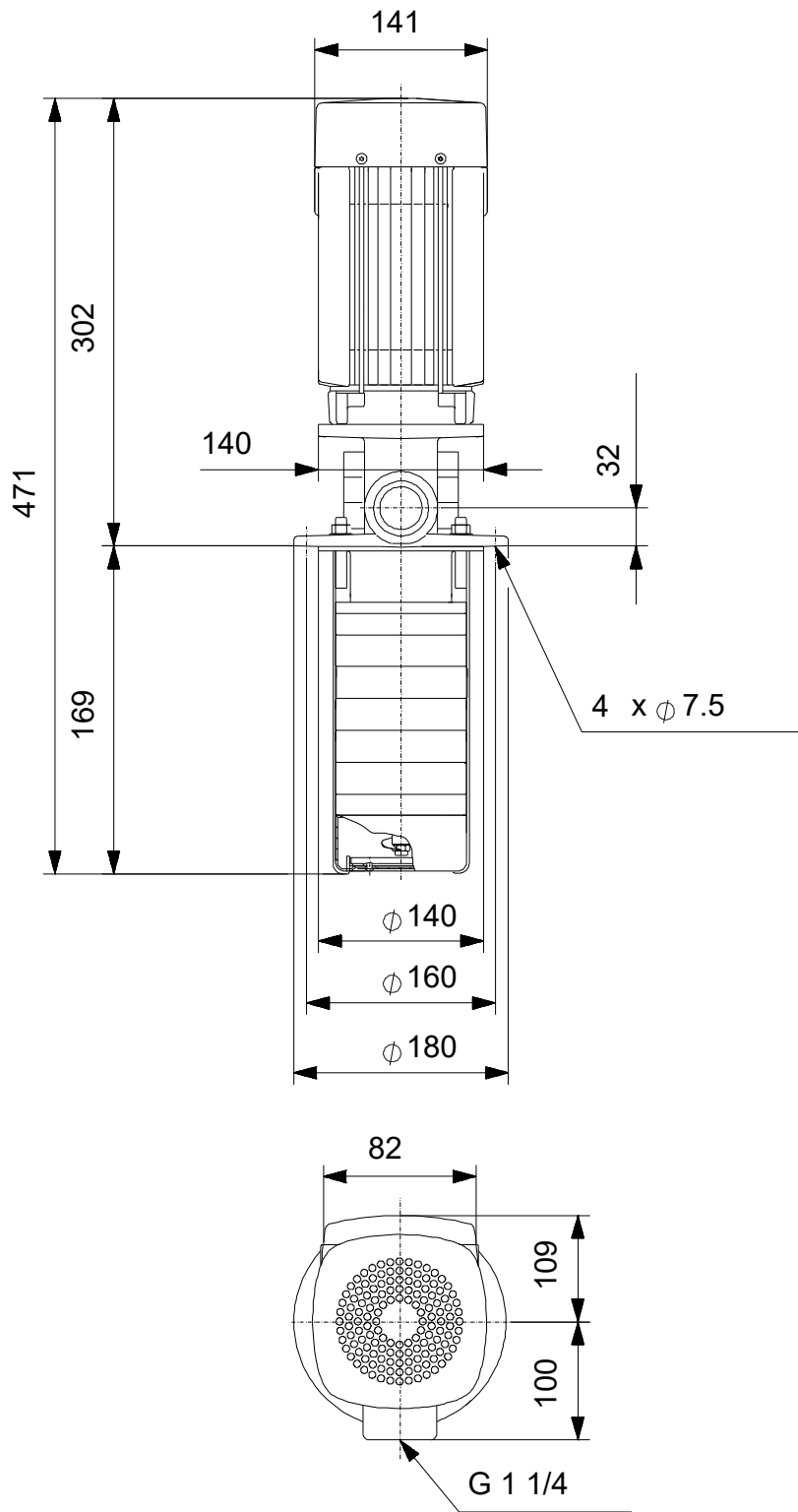


| Description | Value |
|--|----------------------------|
| General information: | |
| Product name: | MTR 5-2/2 A-W-A-HUUUV |
| Product No: | On request |
| EAN number: | On request |
| Technical: | |
| Pump speed on which pump data are based: | 2873 rpm |
| Rated flow: | 96.7 l/min |
| Rated head: | 9.7 m |
| Chambers: | 2 |
| Impellers: | 2 |
| Number of reduced-diameter impellers: | 0 |
| Drainage back to tank: | N |
| Pump orientation: | Vertical |
| Code for shaft seal: | HUUUV |
| Approvals: | CE, EAC |
| Curve tolerance: | ISO9906:2012 3B |
| Pump version: | A |
| Model: | A |
| Materials: | |
| Pump head: | Cast iron |
| Pump head: | EN 1561 EN-GJL-200 |
| Pump head: | ASTM A48-25B |
| Impeller: | Stainless steel |
| Impeller: | EN 1.4301 |
| Impeller: | AISI 304 |
| Material code: | A |
| Installation: | |
| t max amb: | 60 °C |
| Maximum operating pressure: | 25 bar |
| Max pressure at stated temp: | 25 bar / 90 °C |
| Type of connection: | G internal thread |
| Size of outlet connection: | 1 1/4 inch |
| Immersion depth: | 169 mm |
| Flange size for motor: | FT85 |
| Connect code: | W |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | -10 .. 90 °C |
| Selected liquid temperature: | 20 °C |
| Density: | 998.2 kg/m ³ |
| Electrical data: | |
| Motor standard: | IEC |
| Motor type: | 71A |
| IE Efficiency class: | IE3 |
| Rated power - P2: | 0.37 kW |
| Mains frequency: | 50 Hz |
| Suitable for 50/60 Hz: | N |
| Rated voltage: | 3 x 220-240D/380-415Y V |
| Rated current: | 1.74/1.00 A |
| Starting current: | 490-530 % |
| Cos phi - power factor: | 0.80-0.70 |
| Rated speed: | 2850-2880 rpm |
| Efficiency: | IE3 73,8% |
| Motor efficiency at full load: | 73.8 % |
| Motor efficiency at 3/4 load: | 79.0 % |
| Motor efficiency at 1/2 load: | 75.5 % |
| Number of poles: | 2 |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting |
| Insulation class (IEC 85): | F |
| Built-in motor protection: | NONE |
| Motor No: | 85805102 |
| Controls: | |



| Description | Value |
|----------------------------------|----------------------|
| Frequency converter: | NONE |
| Others: | |
| Terminal box position: | 6 |
| Minimum efficiency index, MEI ≥: | 0.57 |
| Net weight: | 13.2 kg |
| Gross weight: | 16.3 kg |
| Shipping volume: | 0.045 m ³ |
| Country of origin: | HU |
| Custom tariff no.: | 84137075 |

On request MTR 5-2/2 A-W-A-HUUV 50 Hz



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

On request MTR 5-2/2 A-W-A-HUUV 50 Hz



98.3169

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

