
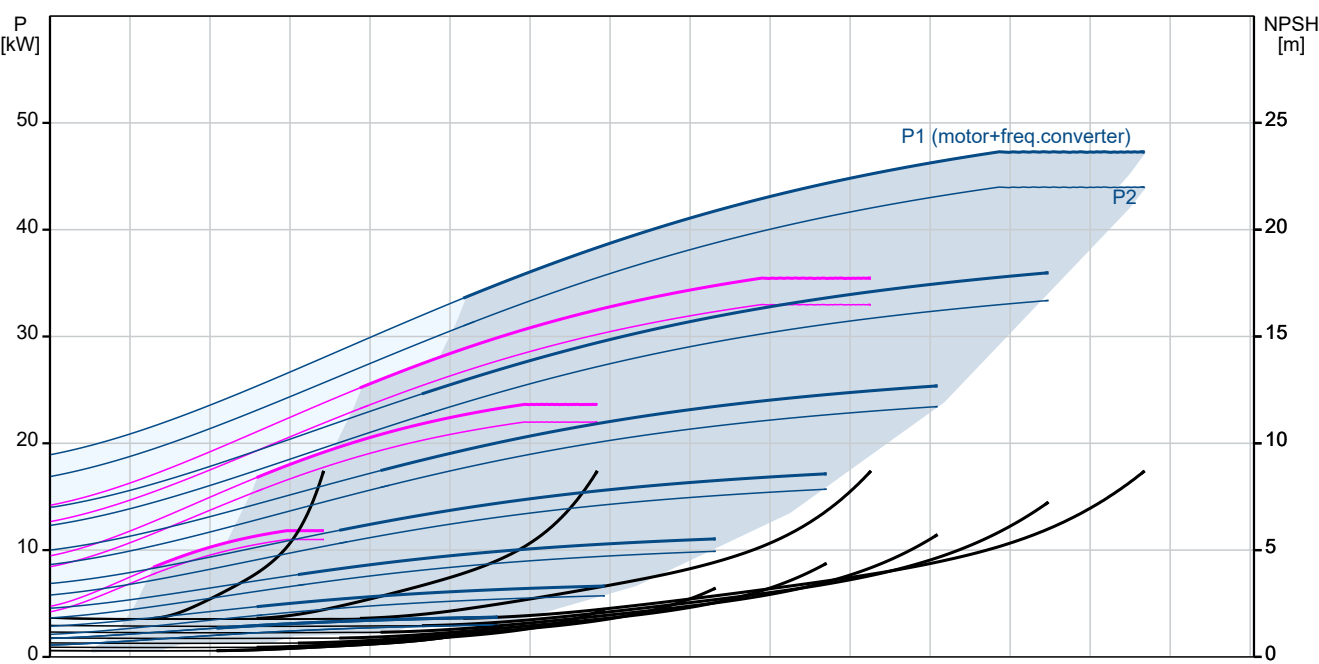
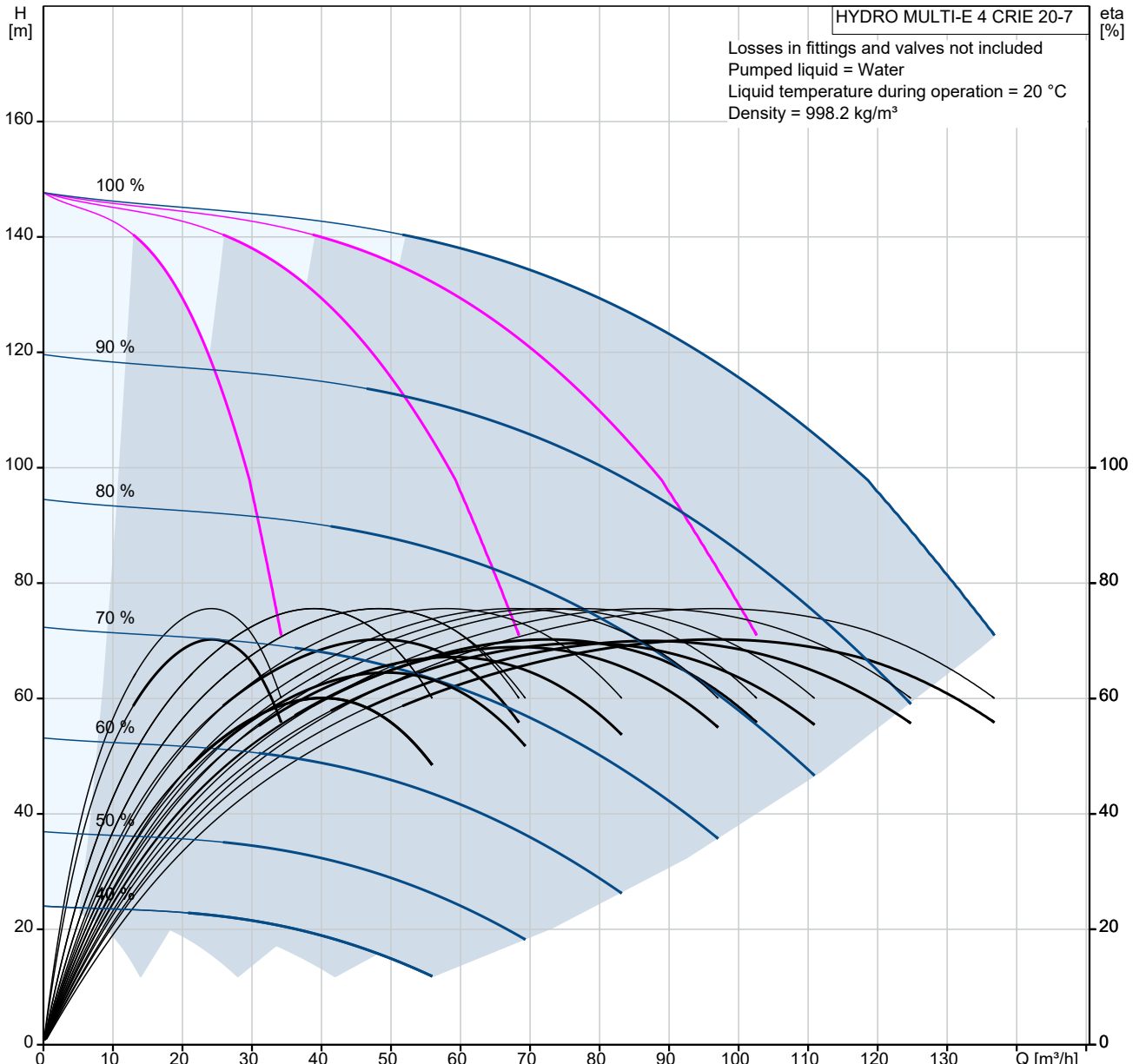


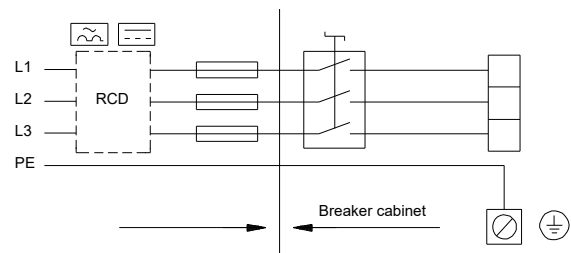
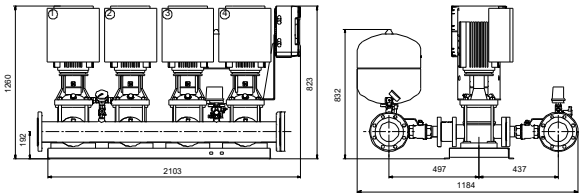
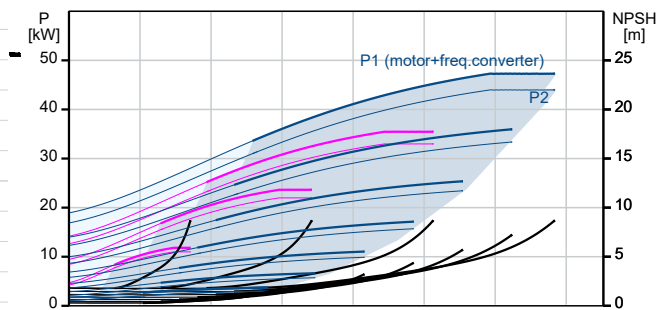
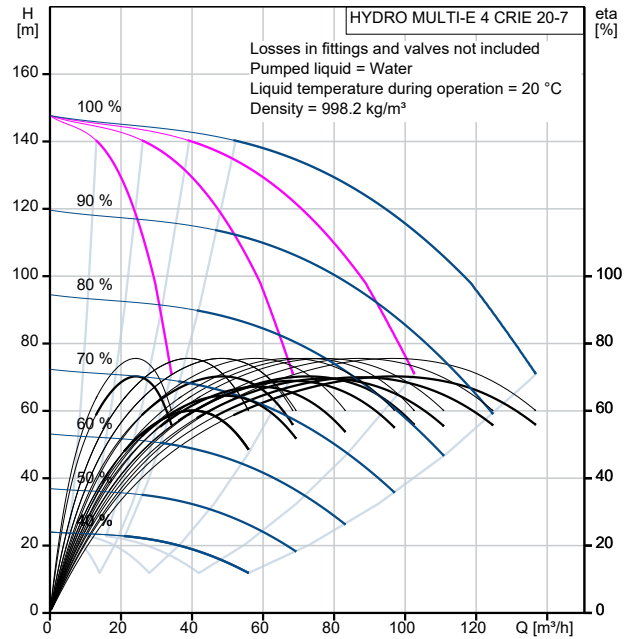
| Qty. | Description |
|------|---|
| 1 | <p data-bbox="201 159 536 185">HYDRO MULTI-E 4 CRIE 20-7</p>  <p data-bbox="592 506 1062 528" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="201 539 464 562">Product No.: 99132970</p> <p data-bbox="201 600 1372 649">GRUNDFOS Hydro Multi-E booster sets are designed for the transfer and pressure boosting of clean water in waterworks, blocks of flats, hotels, industry, hospitals, schools, etc.</p> <p data-bbox="201 656 1455 705">GRUNDFOS Hydro Multi-E booster set consists of 2 to 4 CRIE pumps coupled in parallel and mounted on a common base frame provided with all the necessary fittings.</p> <p data-bbox="201 743 1235 770">Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN W.-Nr. 1.4301).</p> <p data-bbox="201 777 845 804">On the suction side are fitted a suction manifold (DIN W.-Nr.</p> <p data-bbox="201 810 432 837">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 844 1062 871">1.4571) , a pressure switch mounted on a drainable valve and an isolating valve.</p> <p data-bbox="201 878 1437 927">On the discharge side of the pumps are fitted a non-return valve, an isolating valve, a pressure gauge, two pressure transmitters mounted on a drainable valve a diaphragm tank and a stainless steel discharge manifold (DIN W.-Nr.</p> <p data-bbox="201 956 432 983">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 990 293 1016">1.4571).</p> <p data-bbox="201 1023 948 1050">The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.</p> <p data-bbox="201 1079 1374 1106">The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.</p> <p data-bbox="201 1135 1382 1184">The internal PI-controller regulates the number of running pumps and the speed of the pumps according to the required flow.</p> <p data-bbox="201 1214 1434 1240">The system can be operated directly on the panel of any of the pumps or via Grundfos GO (available as accessory)</p> <p data-bbox="201 1305 513 1332">Besides the system features:</p> <ul data-bbox="201 1339 847 1570" style="list-style-type: none"> 2 Digital outputs 2 Digital inputs (one used for dry run protection) 2 Analogue inputs (one used for discharge pressure sensor) Multi-Master functionality 2 Limit functions Set-point influence function Pipe filling function High efficient PM motors <p data-bbox="201 1599 584 1626">Available communication protocols:</p> <ul data-bbox="201 1632 402 1899" style="list-style-type: none"> •LON •Profibus •Modbus •SMS/GSM/GPRS •GRM •BACnet •BACnet IP •Modbus TCP •PROFINET <p data-bbox="201 1935 1281 1962">When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.</p> <p data-bbox="201 2024 632 2078">Liquid: Pumped liquid: Water</p> |

| Qty. | Description |
|------|--|
| 1 | <p>Liquid temperature range: 5 .. 60 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Max flow: 145 m³/h</p> <p>Materials: Pump housing: Stainless steel</p> <p>Installation: Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Flange standard: DIN2642 Manifold inlet: DN 100 Manifold outlet: DN 100</p> <p>Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 11 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Rated current: 78 A Start. method: electronically Enclosure class (IEC 34-5): IP54</p> <p>Tank: Volume of pressure tank: 25 l Diaphragm tank: Yes</p> <p>Others: Net weight: 608 kg Gross weight: 739 kg Shipping volume: 3.42 m³ Language: GB Country of origin: GB Custom tariff no.: 84137075</p> |

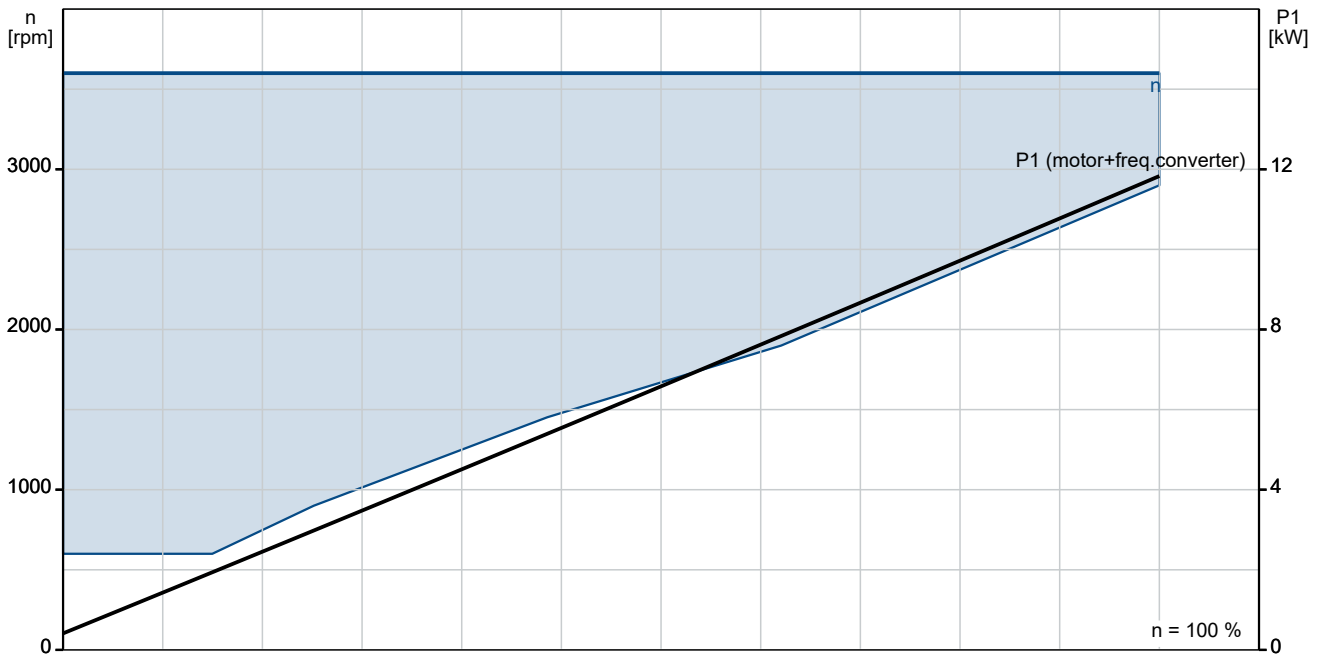
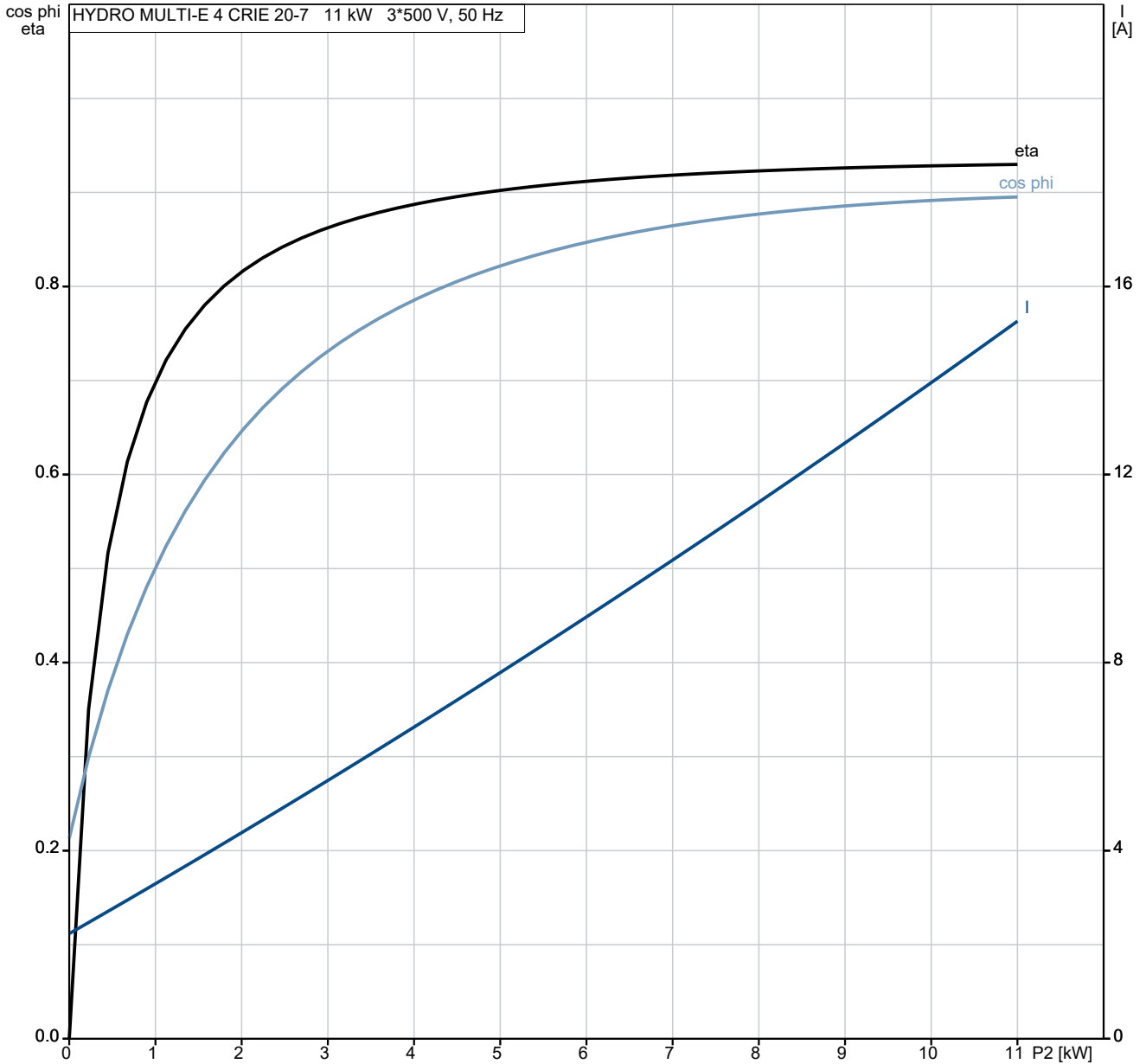
99132970 HYDRO MULTI-E 4 CRIE 20-7



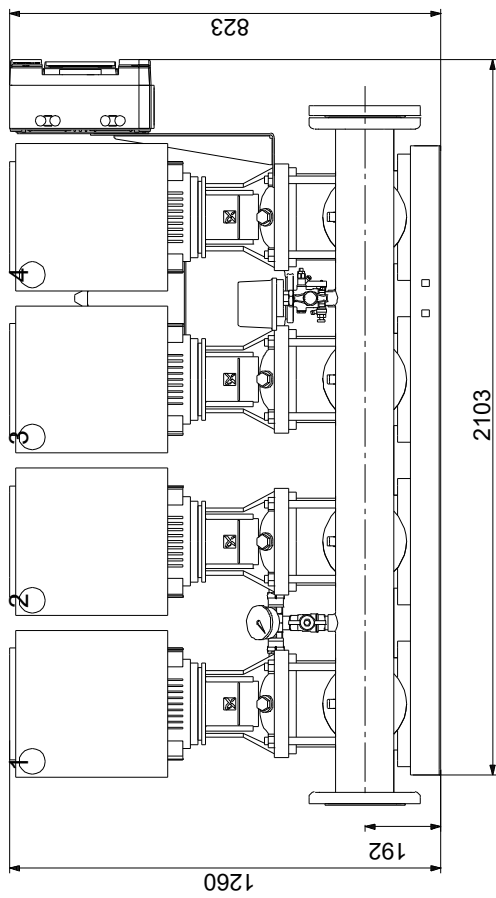
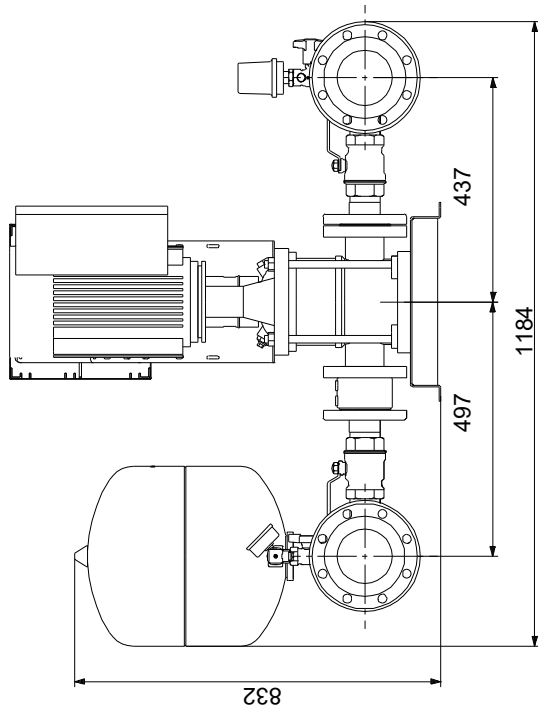
| Description | Value |
|-------------------------------------|---------------------------|
| General information: | |
| Product name: | HYDRO MULTI-E 4 CRIE 20-7 |
| Product No: | 99132970 |
| EAN number: | 5712607357429 |
| Technical: | |
| Max flow: | 145 m ³ /h |
| Min flow system: | 8.4 m ³ /h |
| Head max: | 149 m |
| Pump name: | CRIE 20-7 |
| Number of pumps: | 4 |
| Materials: | |
| Pump housing: | Stainless steel |
| Manifolds: | Stainless steel |
| Installation: | |
| Maximum operating pressure: | 16 bar |
| Maximum permissible inlet pressure: | PN 16 bar |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | 5 .. 60 °C |
| Selected liquid temperature: | 20 °C |
| Density: | 998.2 kg/m ³ |
| Electrical data: | |
| IE Efficiency class: | IE5 |
| Power (P2) main pump: | 11 kW |
| Mains frequency: | 50 / 60 Hz |
| Rated voltage: | 3 x 380-415 V |
| Rated current: | 78 A |
| Start. method: | electronically |
| Enclosure class (IEC 34-5): | IP54 |
| Tank: | |
| Volume of pressure tank: | 25 l |
| Diaphragm tank: | Yes |
| Others: | |
| Net weight: | 608 kg |
| Gross weight: | 739 kg |
| Shipping volume: | 3.42 m ³ |
| Language: | GB |
| Country of origin: | GB |
| Custom tariff no.: | 84137075 |



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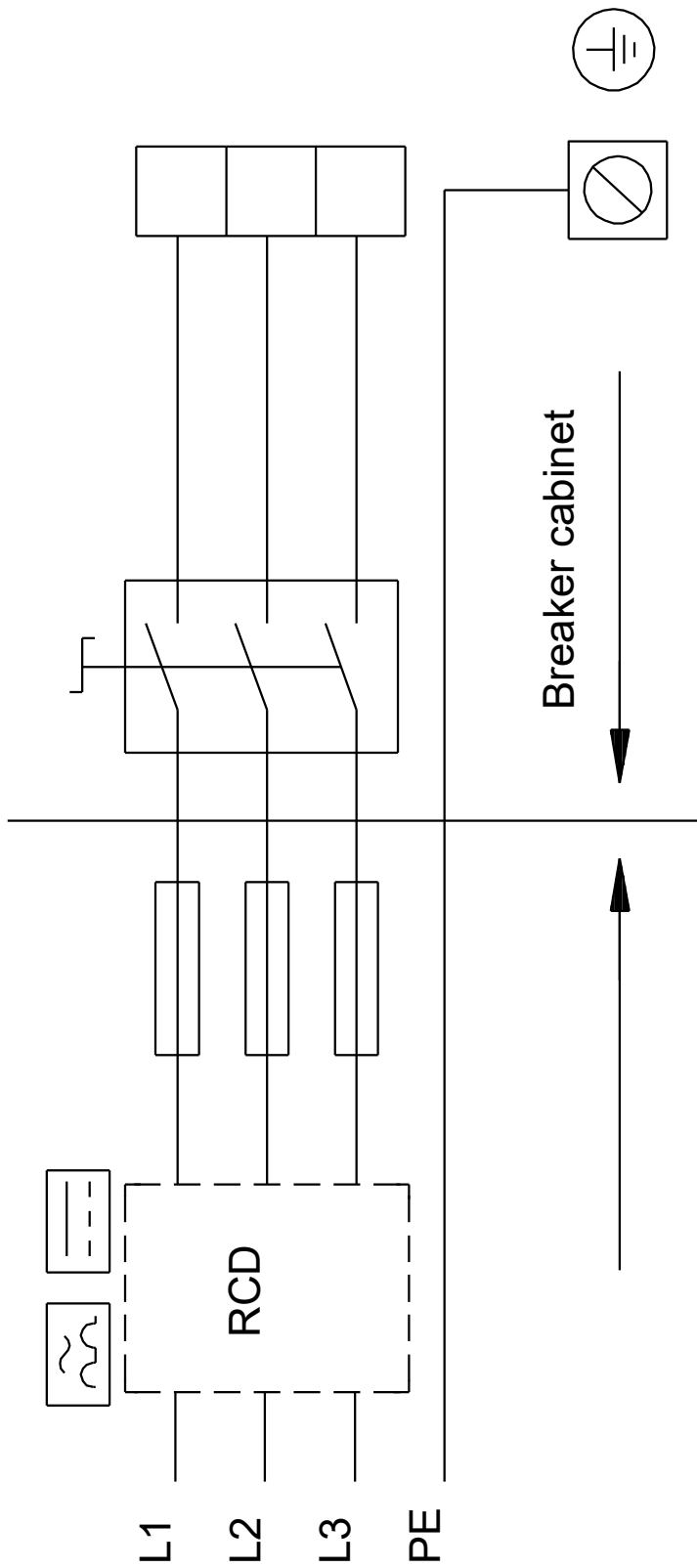


99132970 HYDRO MULTI-E 4 CRIE 20-7



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

99132970 HYDRO MULTI-E 4 CRIE 20-7



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

