
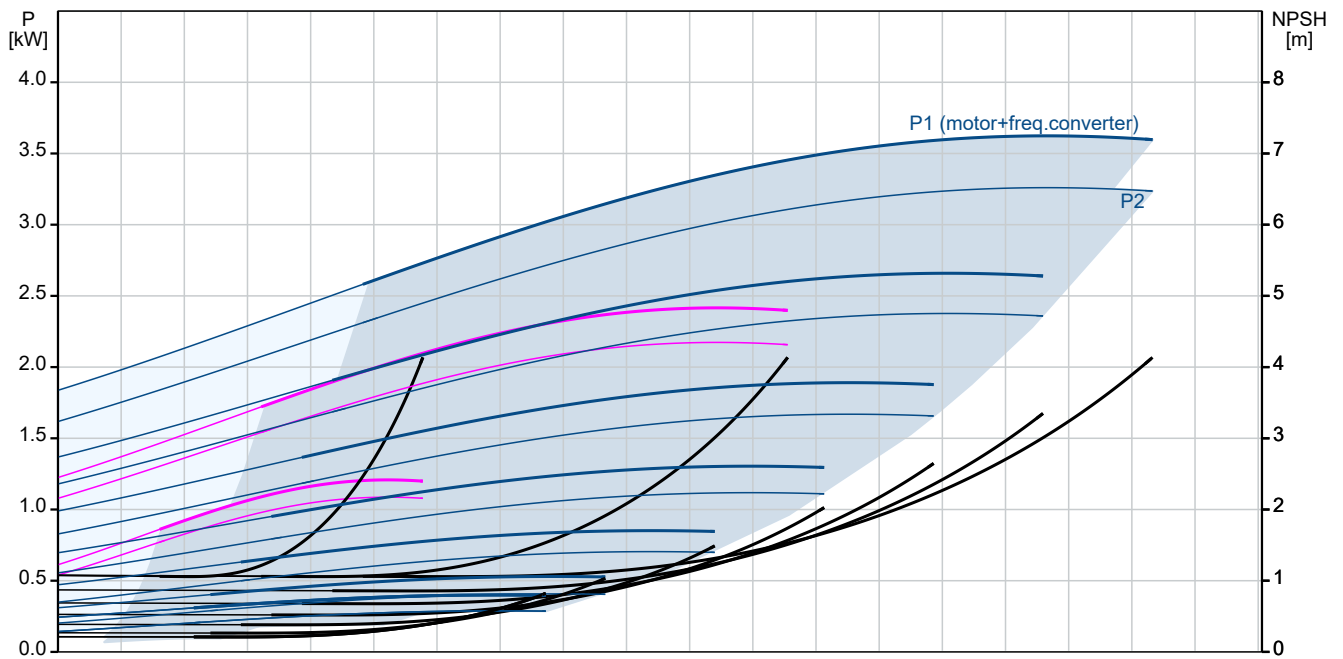
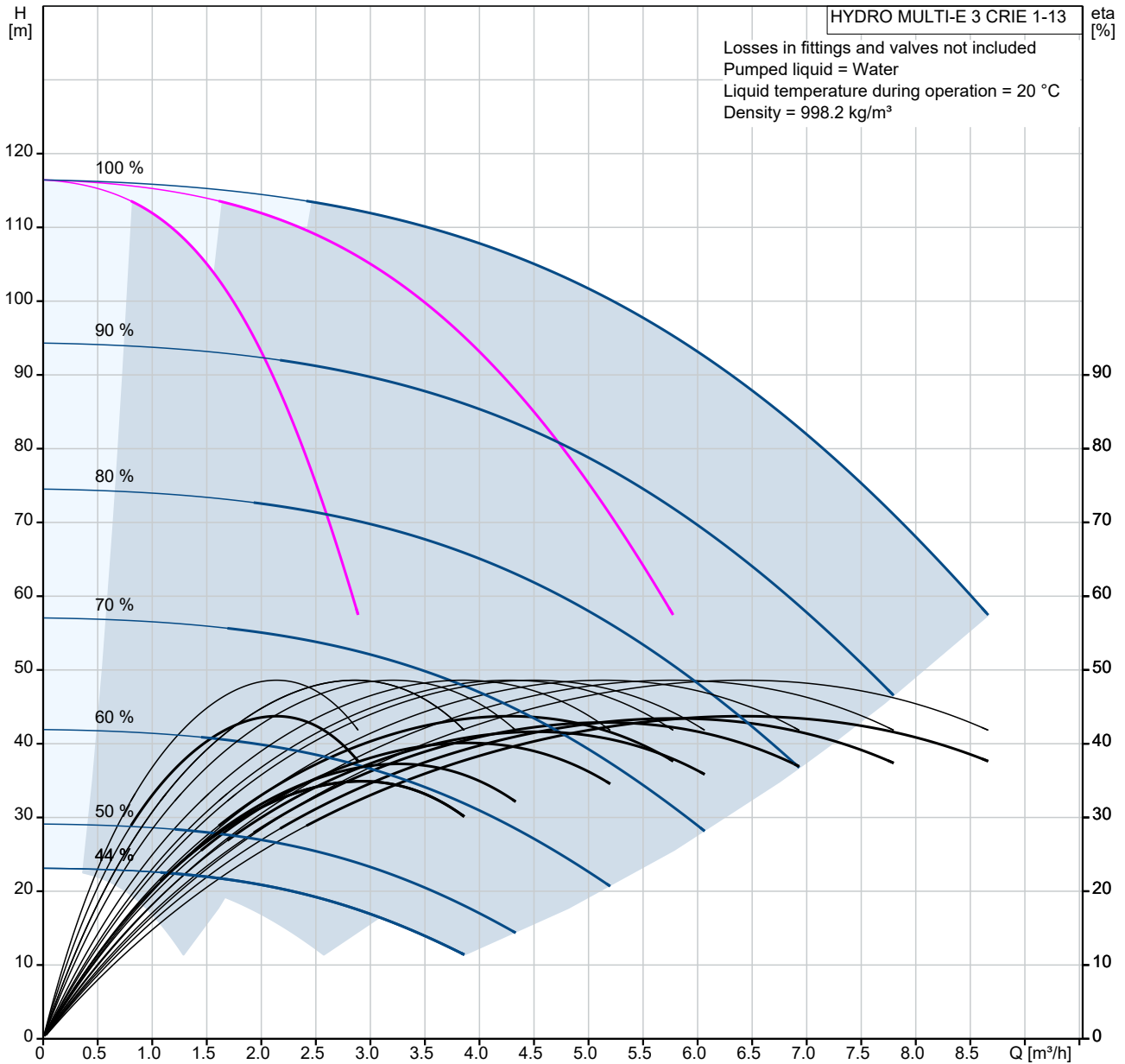


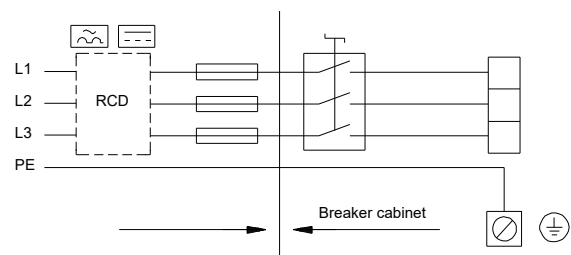
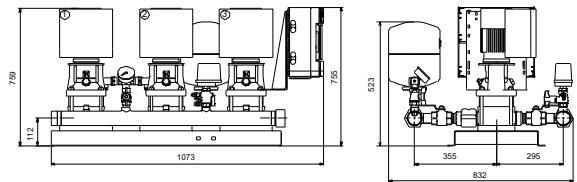
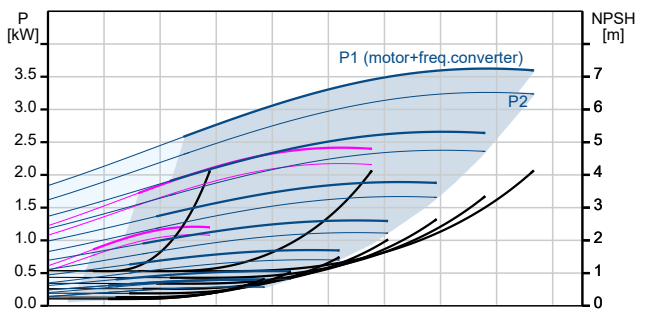
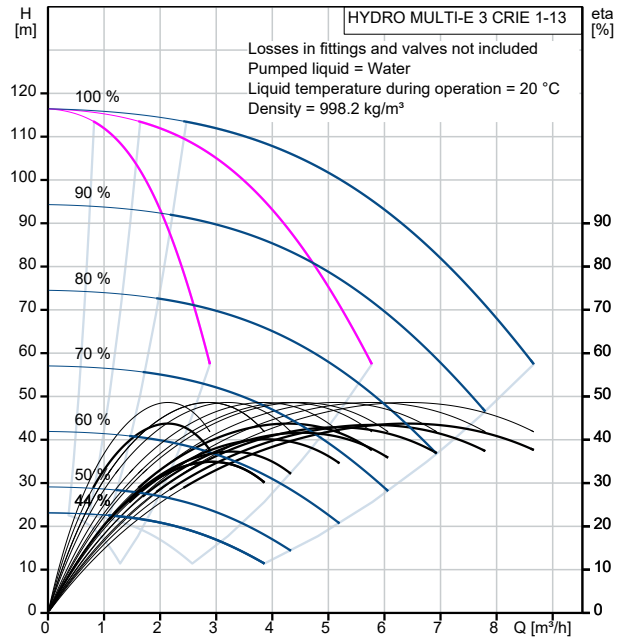
Qty.	Description
1	<p data-bbox="204 161 539 192">HYDRO MULTI-E 3 CRIE 1-13</p>  <p data-bbox="596 506 1066 537" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="204 542 466 573">Product No.: 99132897</p> <p data-bbox="204 600 1375 654">GRUNDFOS Hydro 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="204 658 1465 712">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="204 743 1238 775">Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN W.-Nr. 1.4301).</p> <p data-bbox="204 779 849 810">On the suction side are fitted a suction manifold (DIN W.-Nr. 1.4401 or DIN W.-Nr. 1.4571) , a pressure switch mounted on a drainable valve and an isolating valve.</p> <p data-bbox="204 864 1465 918">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. 1.4401 or DIN W.-Nr. 1.4571).</p> <p data-bbox="204 1008 951 1039">The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.</p> <p data-bbox="204 1070 1375 1102">The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.</p> <p data-bbox="204 1133 1382 1187">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="204 1218 1436 1249">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="204 1303 513 1335">Besides the system features:</p> <ul data-bbox="204 1339 849 1572" style="list-style-type: none">2 Digital outputs2 Digital inputs (one used for dry run protection)2 Analogue inputs (one used for discharge pressure sensor)Multi-Master functionality2 Limit functionsSet-point influence functionPipe filling functionHigh efficient PM motors <p data-bbox="204 1603 584 1635">Available communication protocols:</p> <ul data-bbox="204 1639 405 1904" style="list-style-type: none">•LON•Profibus•Modbus•SMS/GSM/GPRS•GRM•BACnet•BACnet IP•Modbus TCP•PROFINET <p data-bbox="204 1935 1283 1966">When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.</p> <p data-bbox="204 2020 638 2083">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: 9 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: DIN ISO 7/1 Manifold inlet: R 2 Manifold outlet: R 2</p> <p>Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 1.1 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Rated current: 6 A Start. method: electronically Enclosure class (IEC 34-5): IP54</p> <p>Tank: Volume of pressure tank: 12 l Diaphragm tank: Yes</p> <p>Others: Net weight: 135 kg Gross weight: 144 kg Shipping volume: 0.681 m³ Language: GB Country of origin: GB Custom tariff no.: 84137075</p>

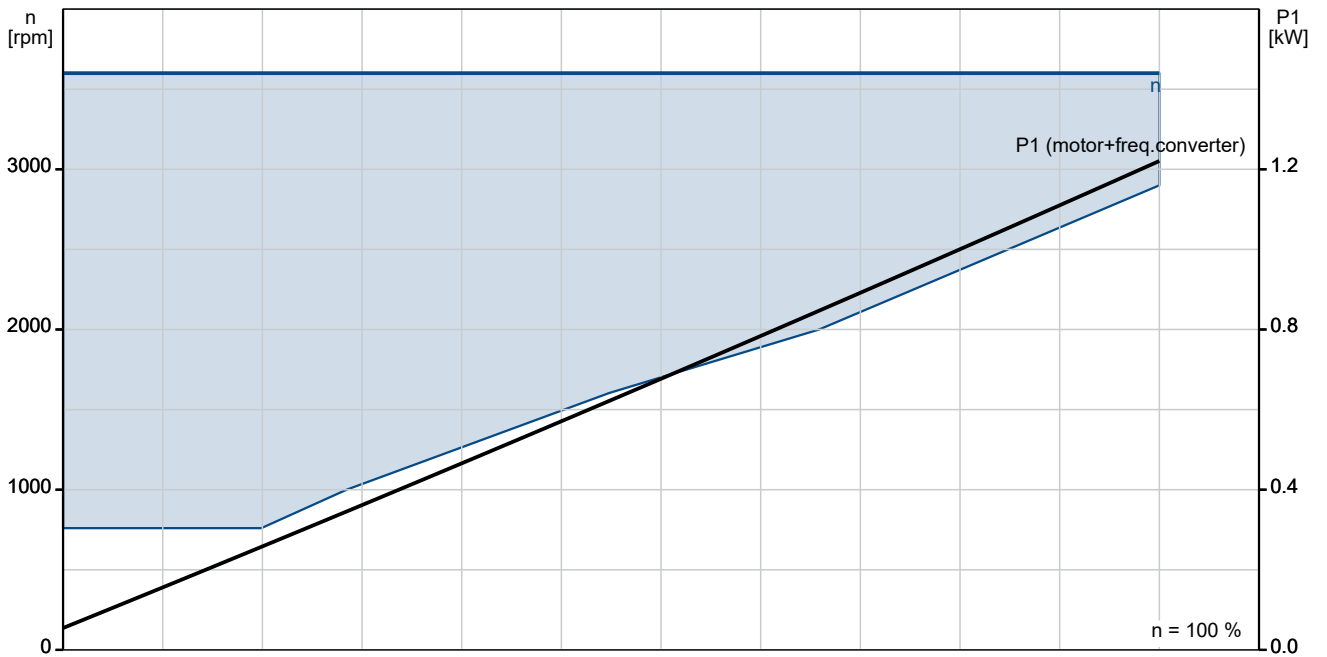
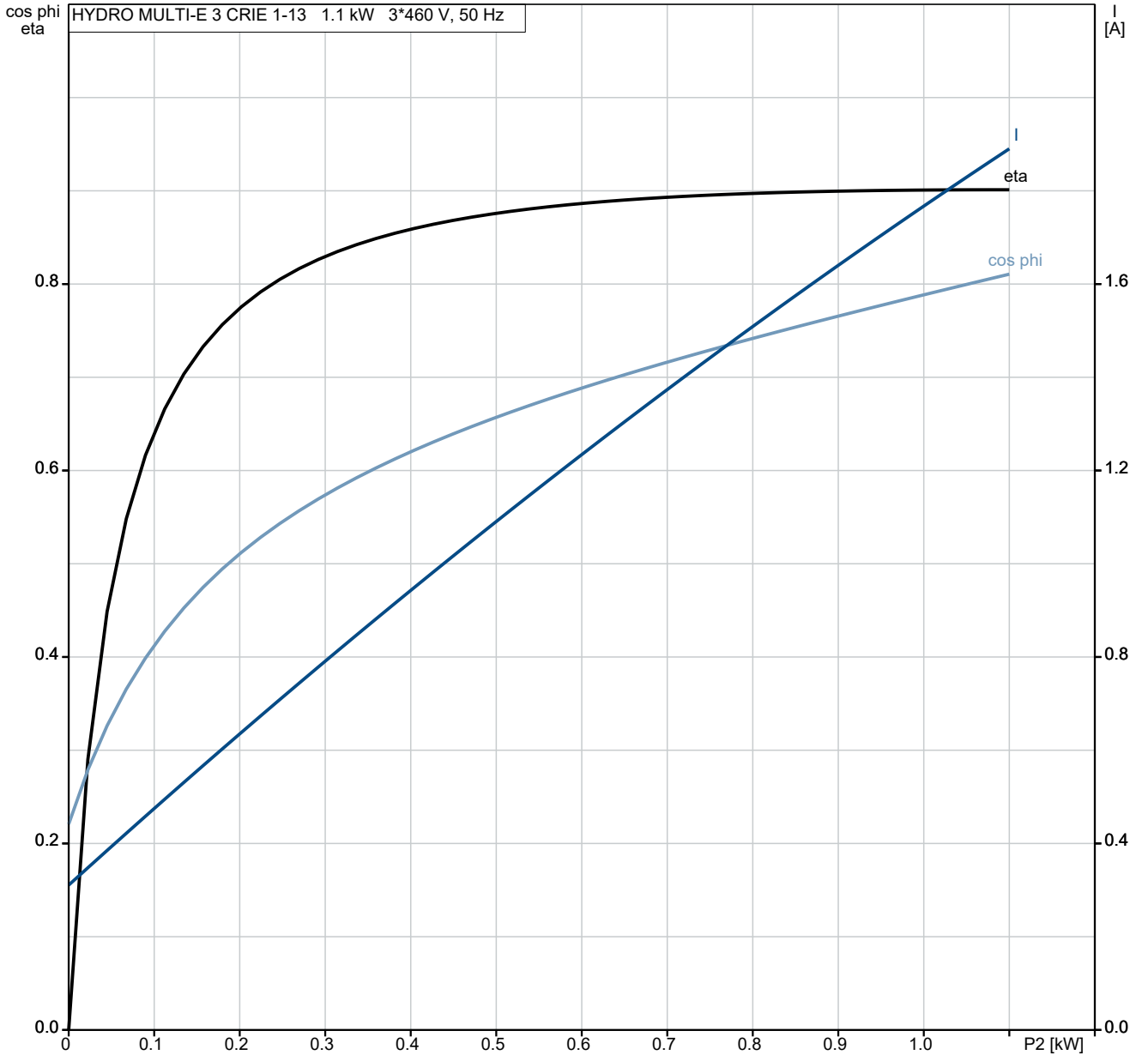
99132897 HYDRO MULTI-E 3 CRIE 1-13



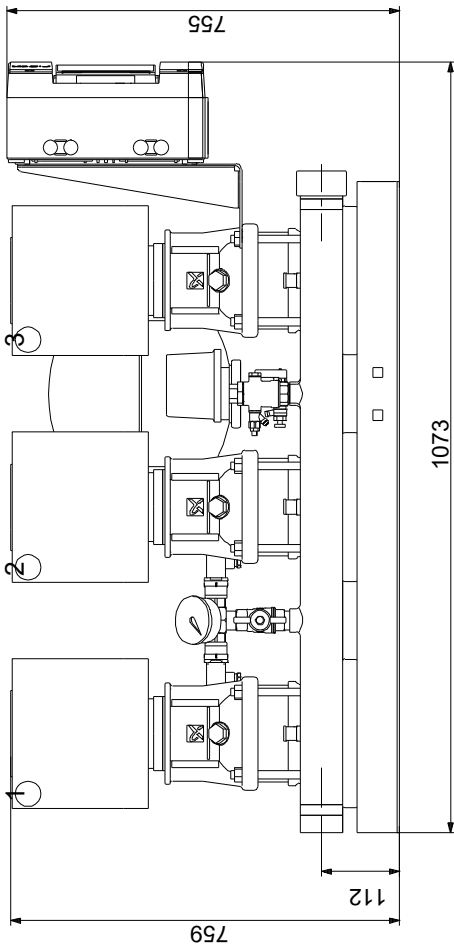
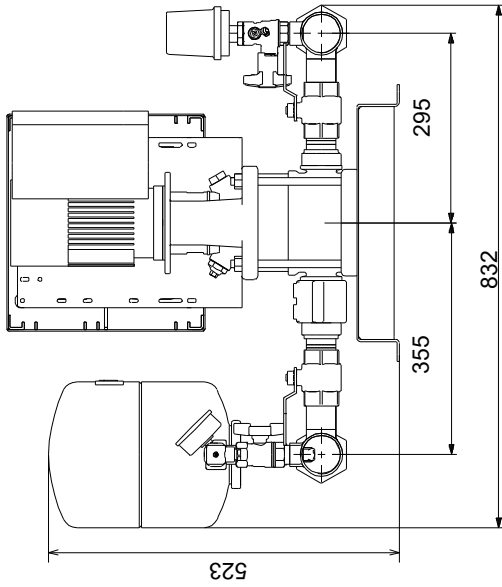
Description	Value
General information:	
Product name:	HYDRO MULTI-E 3 CRIE 1-13
Product No:	99132897
EAN number:	5712607356248
Technical:	
Max flow:	9 m ³ /h
Min flow system:	0.8 m ³ /h
Head max:	116 m
Pump name:	CRIE 1-13
Number of pumps:	3
Materials:	
Pump housing:	Stainless steel
Manifolds:	Stainless 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:	1.1 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current:	6 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
Tank:	
Volume of pressure tank:	12 l
Diaphragm tank:	Yes
Others:	
Net weight:	135 kg
Gross weight:	144 kg
Shipping volume:	0.681 m ³
Language:	GB
Country of origin:	GB
Custom tariff no.:	84137075



99132897 HYDRO MULTI-E 3 CRIE 1-13

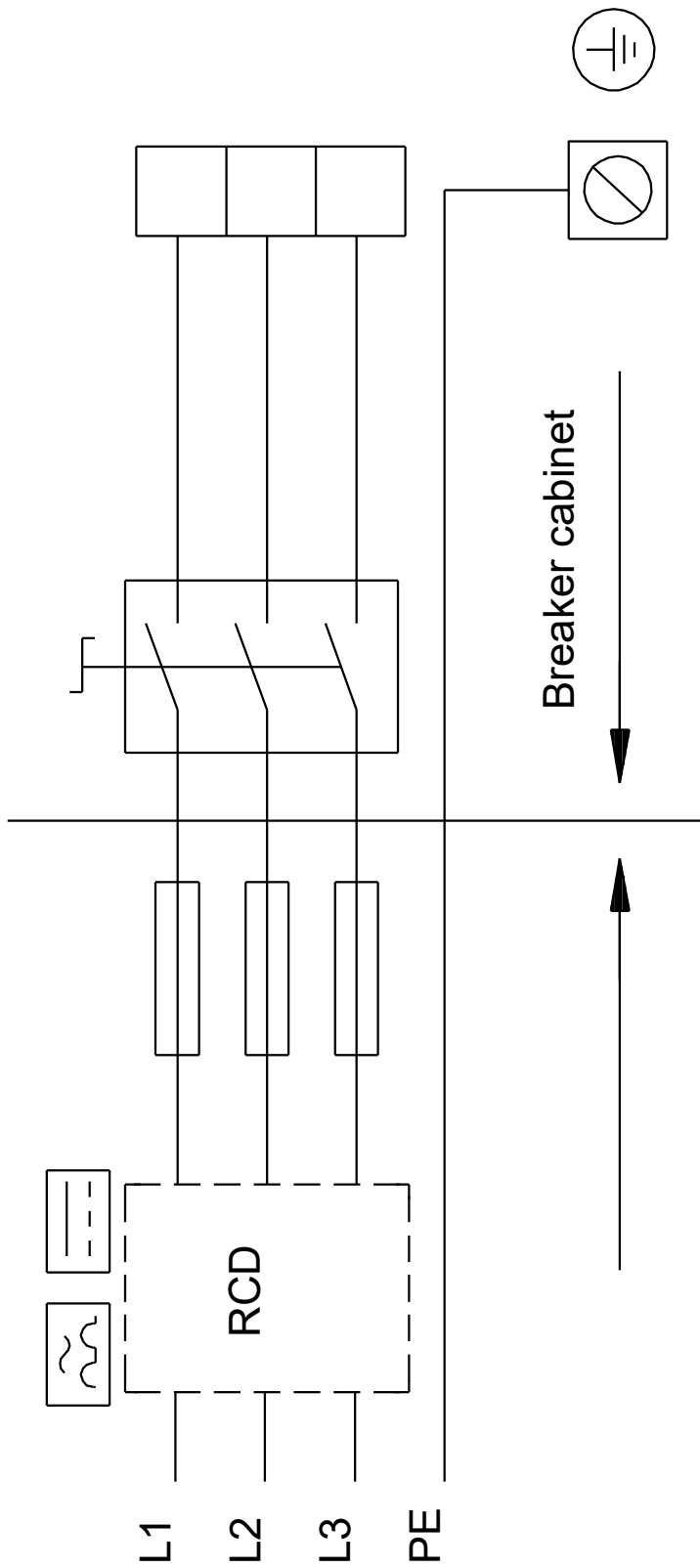


99132897 HYDRO MULTI-E 3 CRIE 1-13



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

99132897 HYDRO MULTI-E 3 CRIE 1-13



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

