
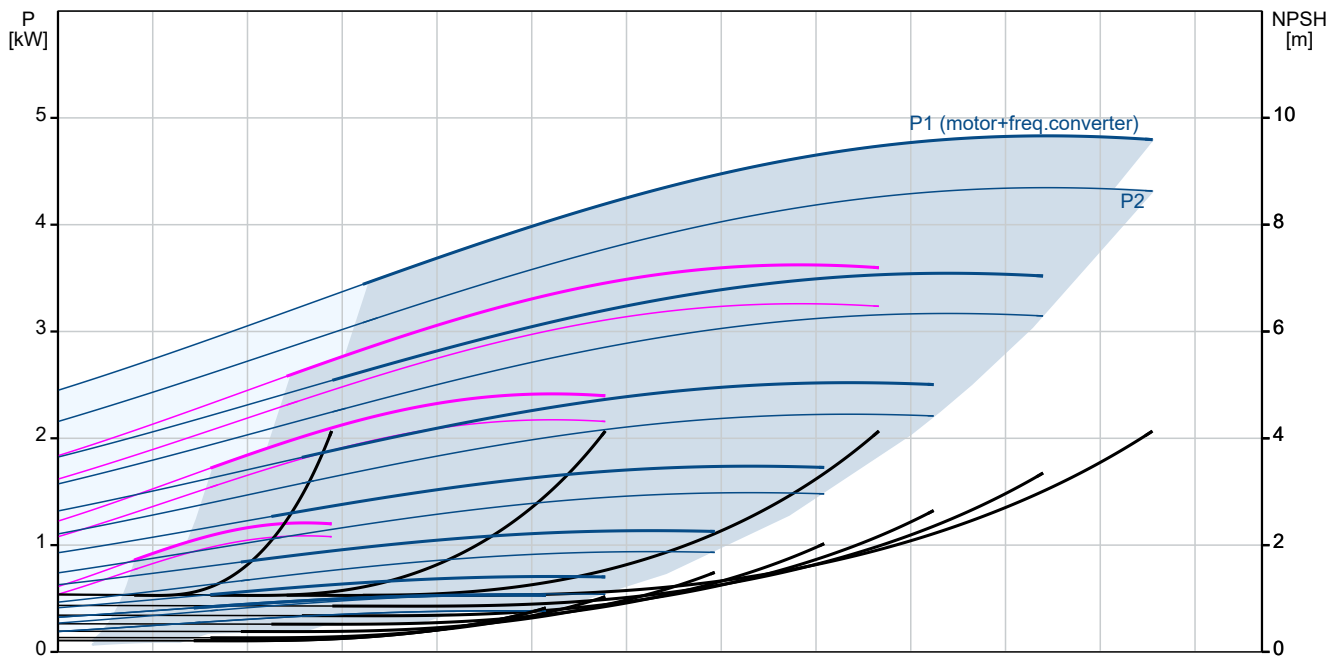
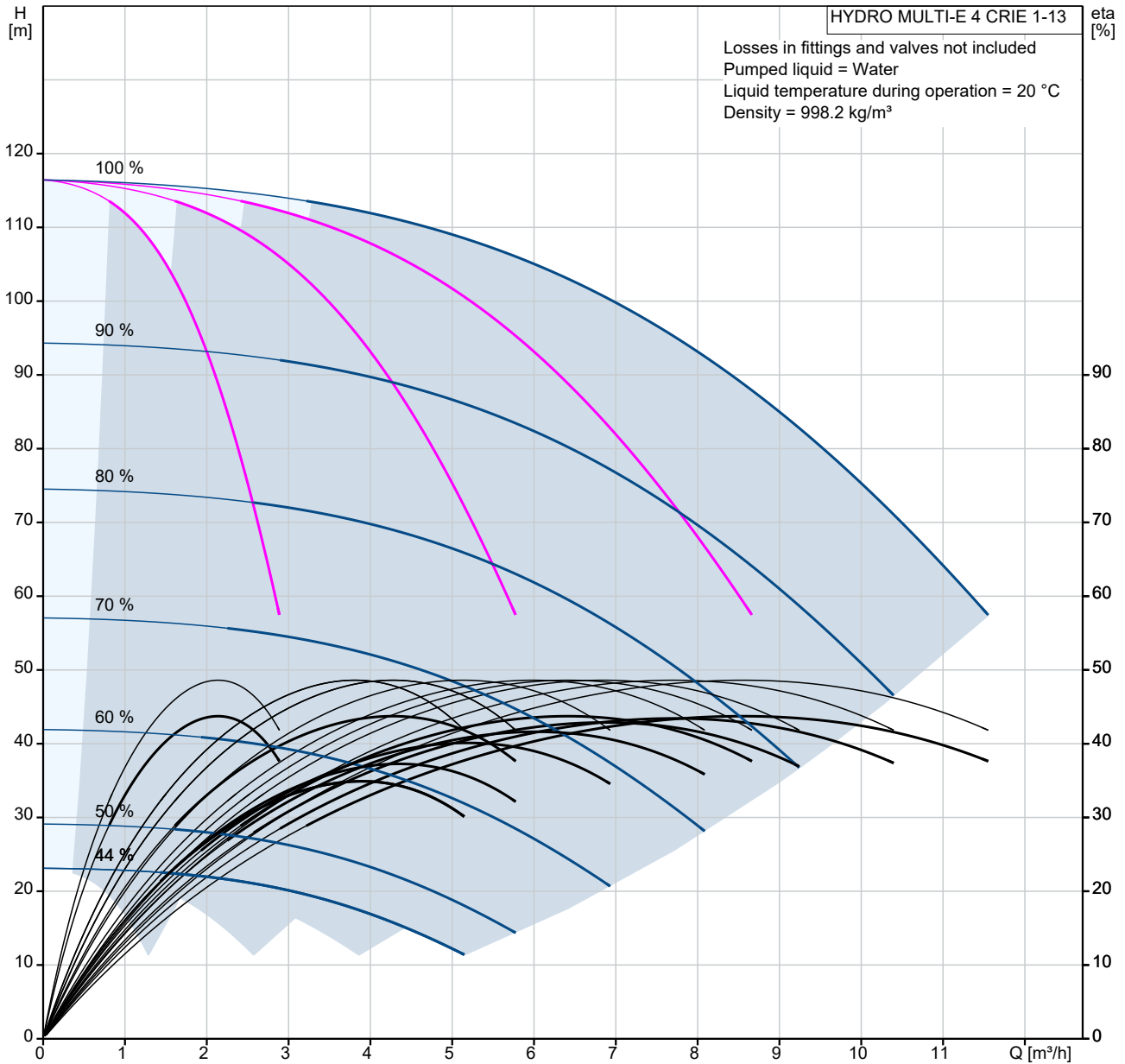


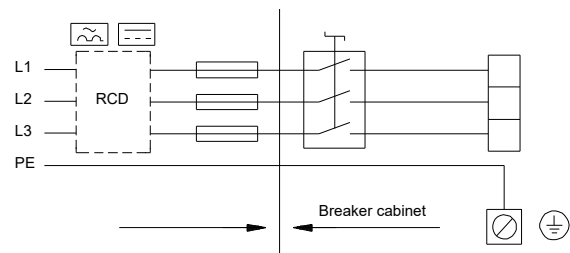
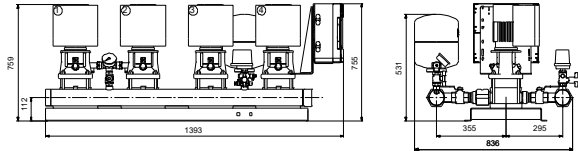
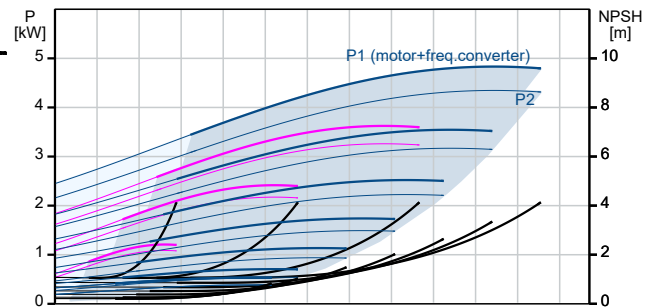
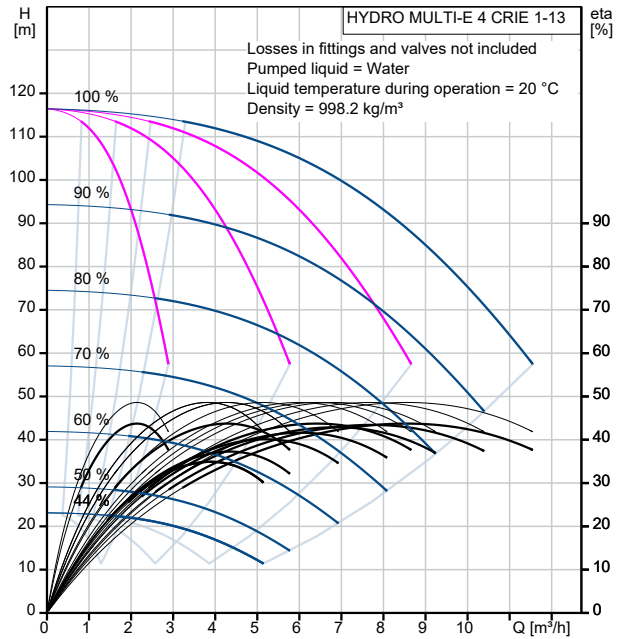
Qty.	Description
1	<p data-bbox="201 159 536 185">HYDRO MULTI-E 4 CRIE 1-13</p> <div data-bbox="256 280 525 465" style="text-align: center;">  </div> <p data-bbox="592 506 1062 528" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="201 537 464 562">Product No.: 99132908</p> <p data-bbox="201 598 1370 647">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="201 654 1453 703">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="201 741 1235 768">Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN W.-Nr. 1.4301).</p> <p data-bbox="201 775 844 801">On the suction side are fitted a suction manifold (DIN W.-Nr.</p> <p data-bbox="201 804 432 831">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 833 1059 860">1.4571) , a pressure switch mounted on a drainable valve and an isolating valve.</p> <p data-bbox="201 862 1437 911">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="201 949 432 976">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 978 293 1005">1.4571).</p> <p data-bbox="201 1008 948 1034">The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.</p> <p data-bbox="201 1068 1374 1095">The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.</p> <p data-bbox="201 1128 1378 1178">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 1216 1433 1243">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 1301 512 1328">Besides the system features:</p> <ul data-bbox="201 1330 845 1565" 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 580 1626">Available communication protocols:</p> <ul data-bbox="201 1628 400 1897" style="list-style-type: none"> •LON •Profibus •Modbus •SMS/GSM/GPRS •GRM •BACnet •BACnet IP •Modbus TCP •PROFINET <p data-bbox="201 1933 1278 1960">When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.</p> <p data-bbox="201 2020 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: 12 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 1/2 Manifold outlet: R 2 1/2</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: 9 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: 177 kg Gross weight: 189 kg Shipping volume: 0.881 m³ Language: GB Country of origin: GB Custom tariff no.: 84137075</p>

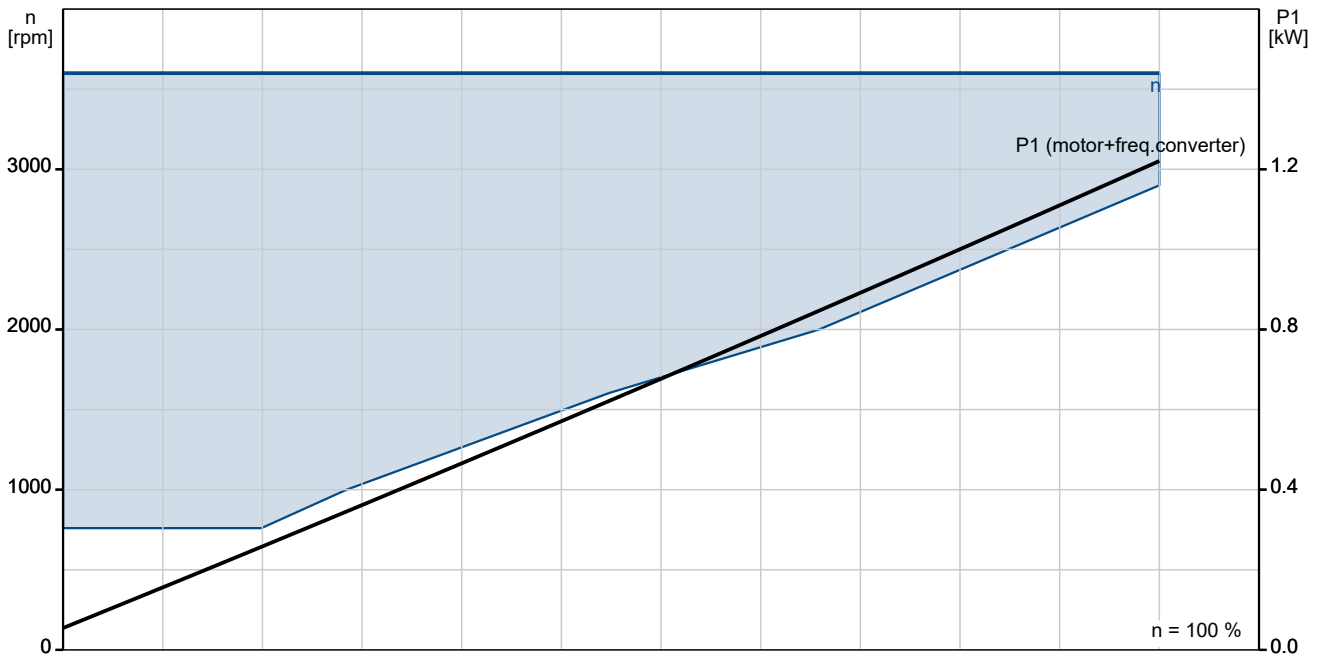
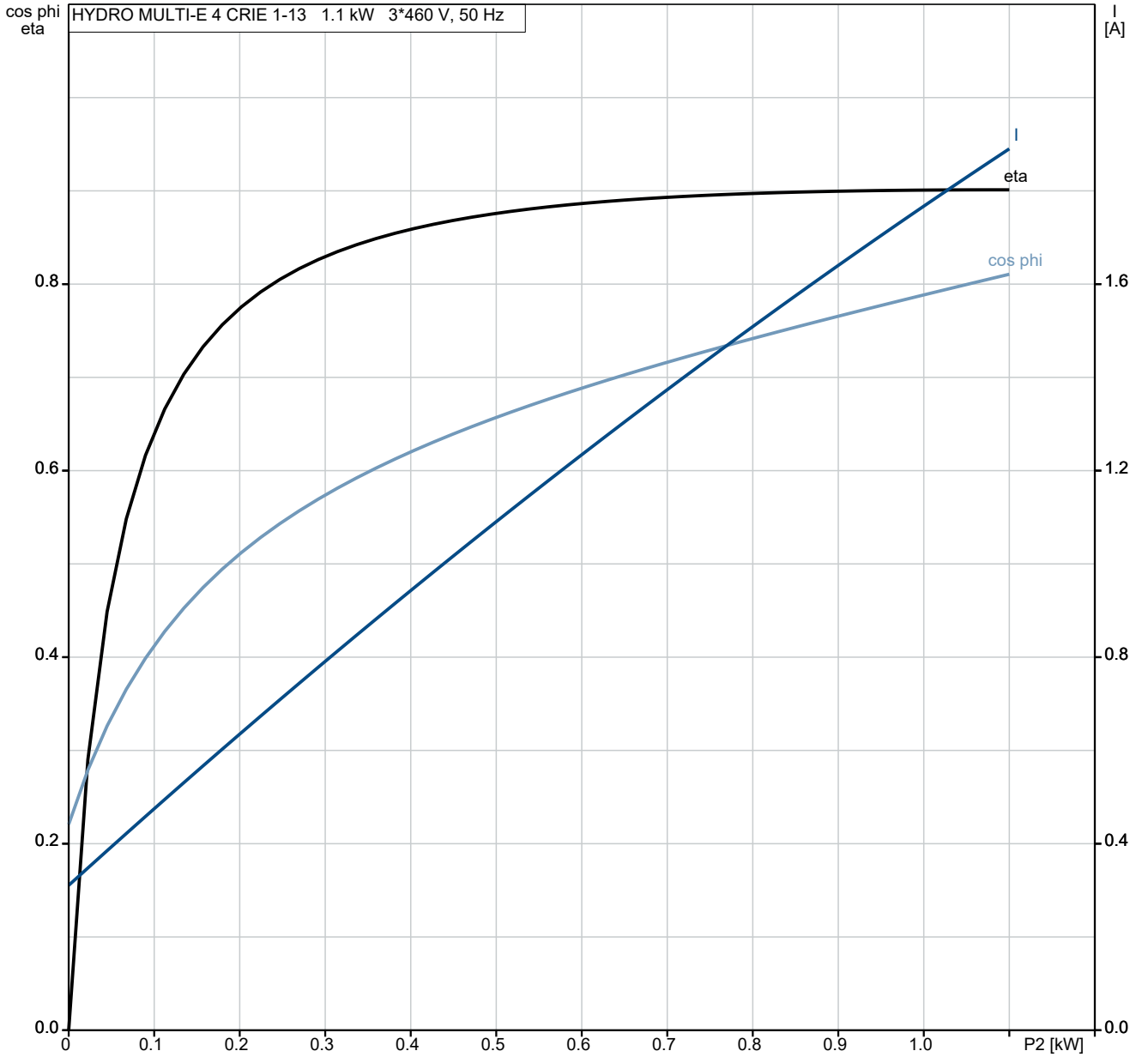
99132908 HYDRO MULTI-E 4 CRIE 1-13



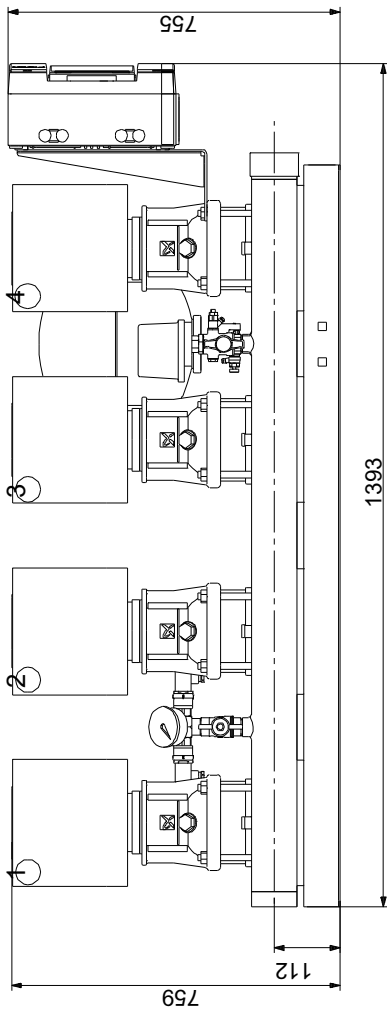
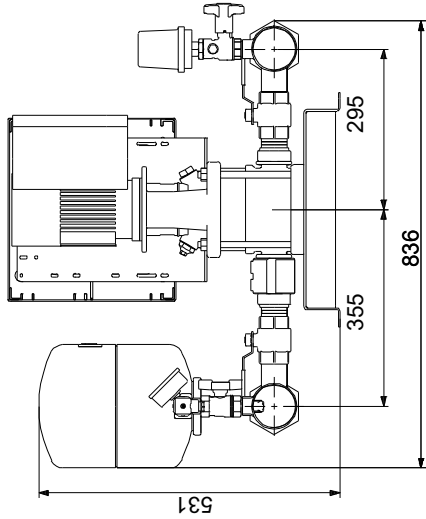
Description	Value
General information:	
Product name:	HYDRO MULTI-E 4 CRIE 1-13
Product No:	99132908
EAN number:	5712607356514
Technical:	
Max flow:	12 m ³ /h
Min flow system:	0.8 m ³ /h
Head max:	116 m
Pump name:	CRIE 1-13
Number of pumps:	4
Materials:	
Pump housing:	Stainless steel
Manifolds:	Stainless 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:	1.1 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current:	9 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
Tank:	
Volume of pressure tank:	12 l
Diaphragm tank:	Yes
Others:	
Net weight:	177 kg
Gross weight:	189 kg
Shipping volume:	0.881 m ³
Language:	GB
Country of origin:	GB
Custom tariff no.:	84137075



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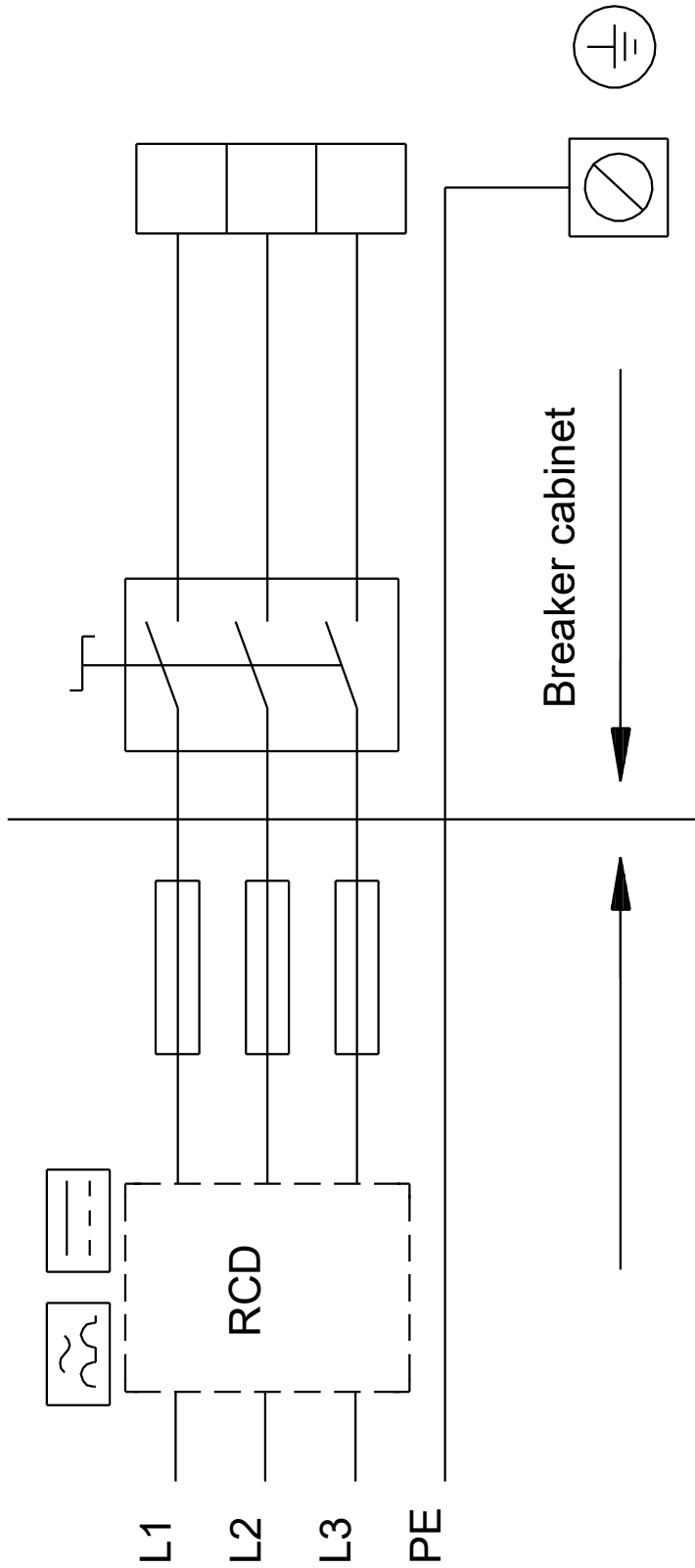


99132908 HYDRO MULTI-E 4 CRIE 1-13



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.

