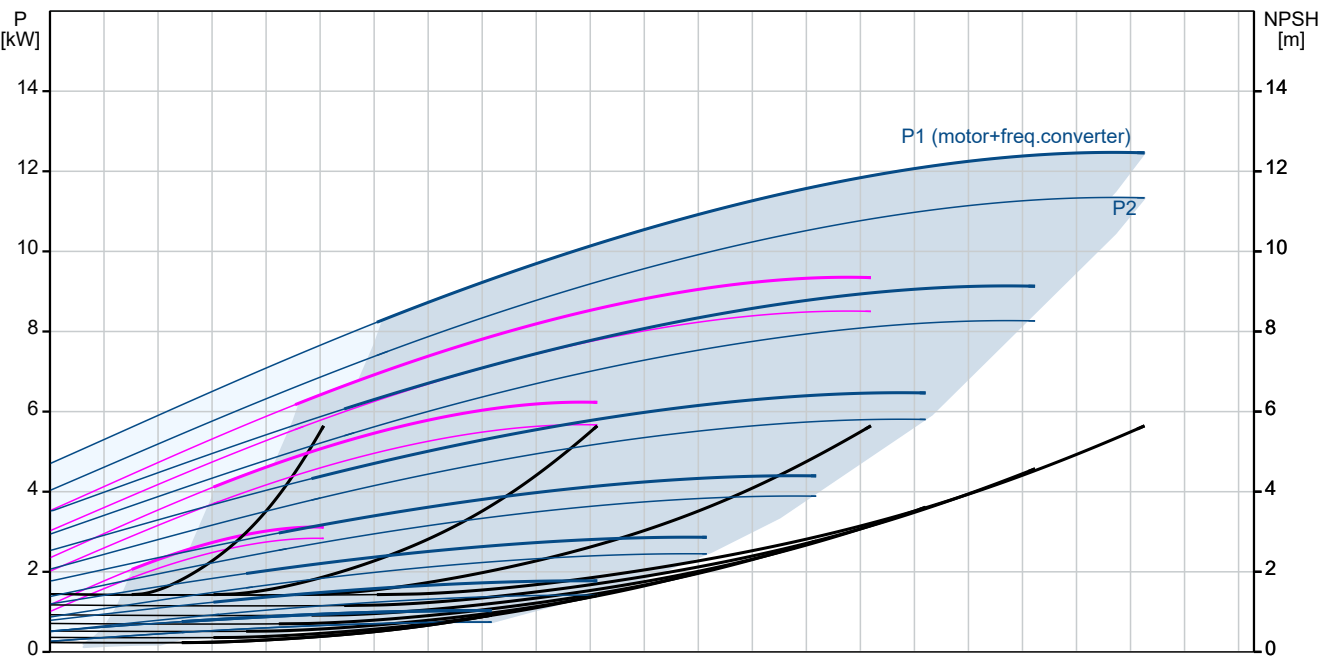
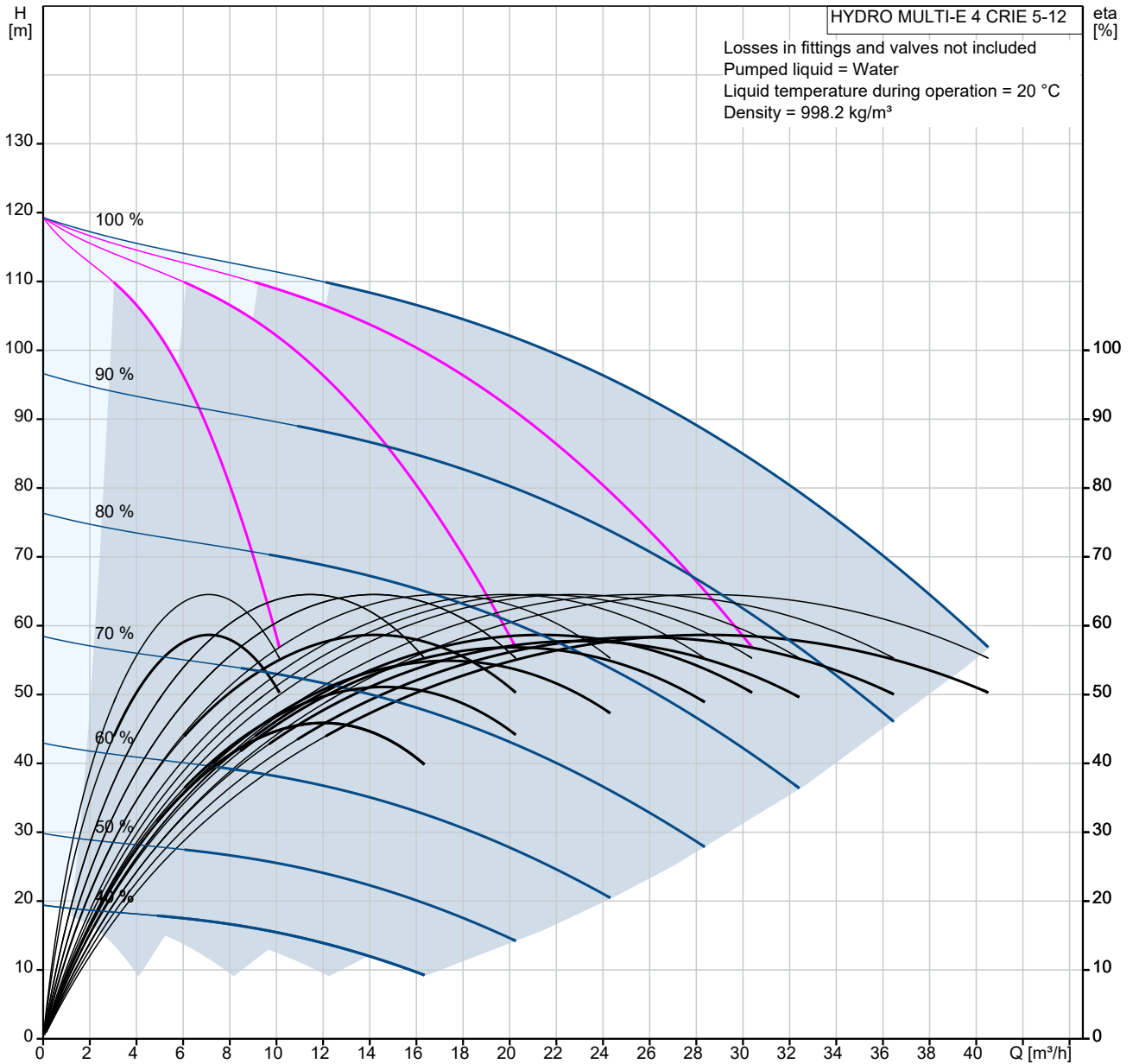


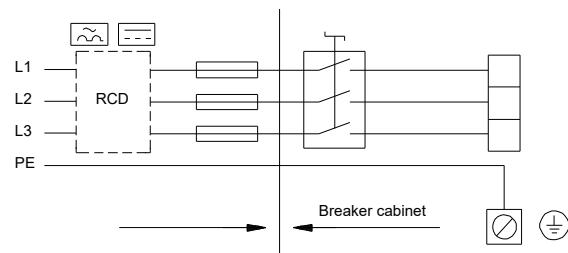
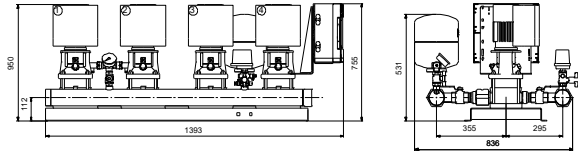
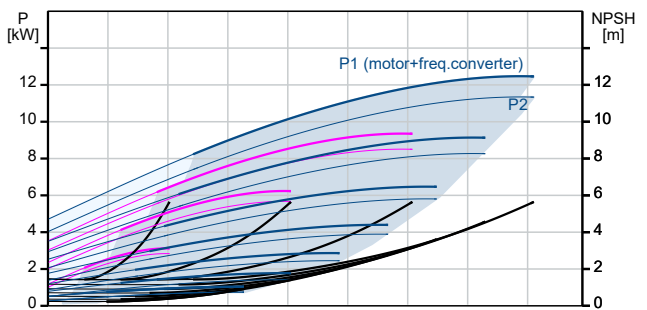
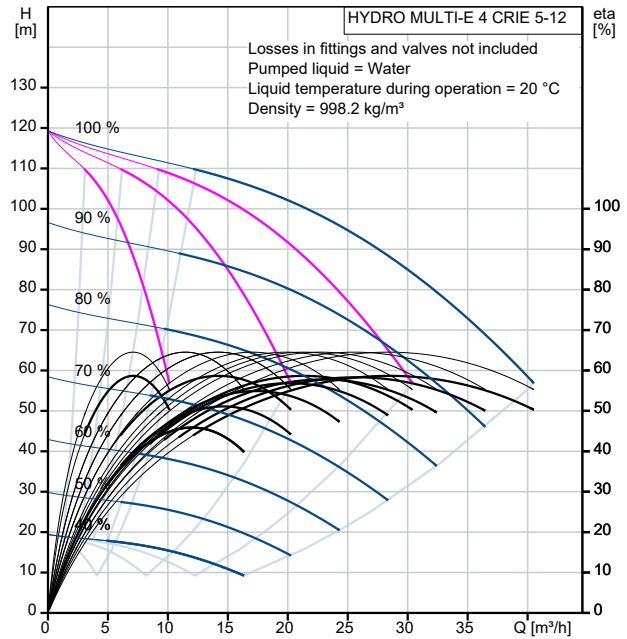
Qty.	Description
1	<p data-bbox="201 159 536 185">HYDRO MULTI-E 4 CRIE 5-12</p> <div data-bbox="256 280 525 465" data-label="Image"> </div> <p data-bbox="592 506 1062 528" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="201 537 464 562">Product No.: 99133116</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="201 772 845 799">On the suction side are fitted a suction manifold (DIN W.-Nr.</p> <p data-bbox="201 801 432 828">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 831 1062 857">1.4571) , a pressure switch mounted on a drainable valve and an isolating valve.</p> <p data-bbox="201 860 1437 909">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="201 947 432 974">1.4401 or DIN W.-Nr.</p> <p data-bbox="201 976 292 1003">1.4571).</p> <p data-bbox="201 1005 948 1032">The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.</p> <p data-bbox="201 1066 1374 1093">The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.</p> <p data-bbox="201 1126 1382 1176">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 1211 1433 1238">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 1299 512 1326">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 1597 584 1624">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 1930 1278 1957">When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.</p> <p data-bbox="201 2018 632 2076">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: 41 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: 3 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Rated current: 23 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: 238 kg Gross weight: 322 kg Shipping volume: 1.11 m³ Language: GB Country of origin: GB Custom tariff no.: 84137075</p>

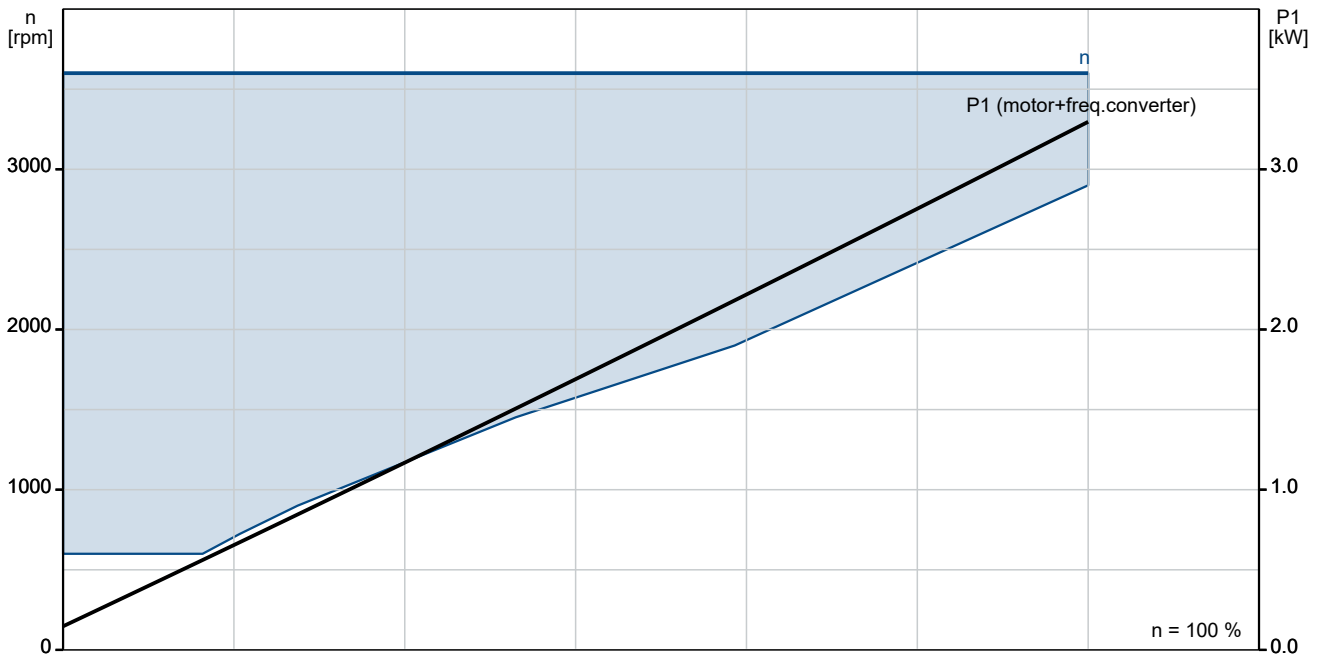
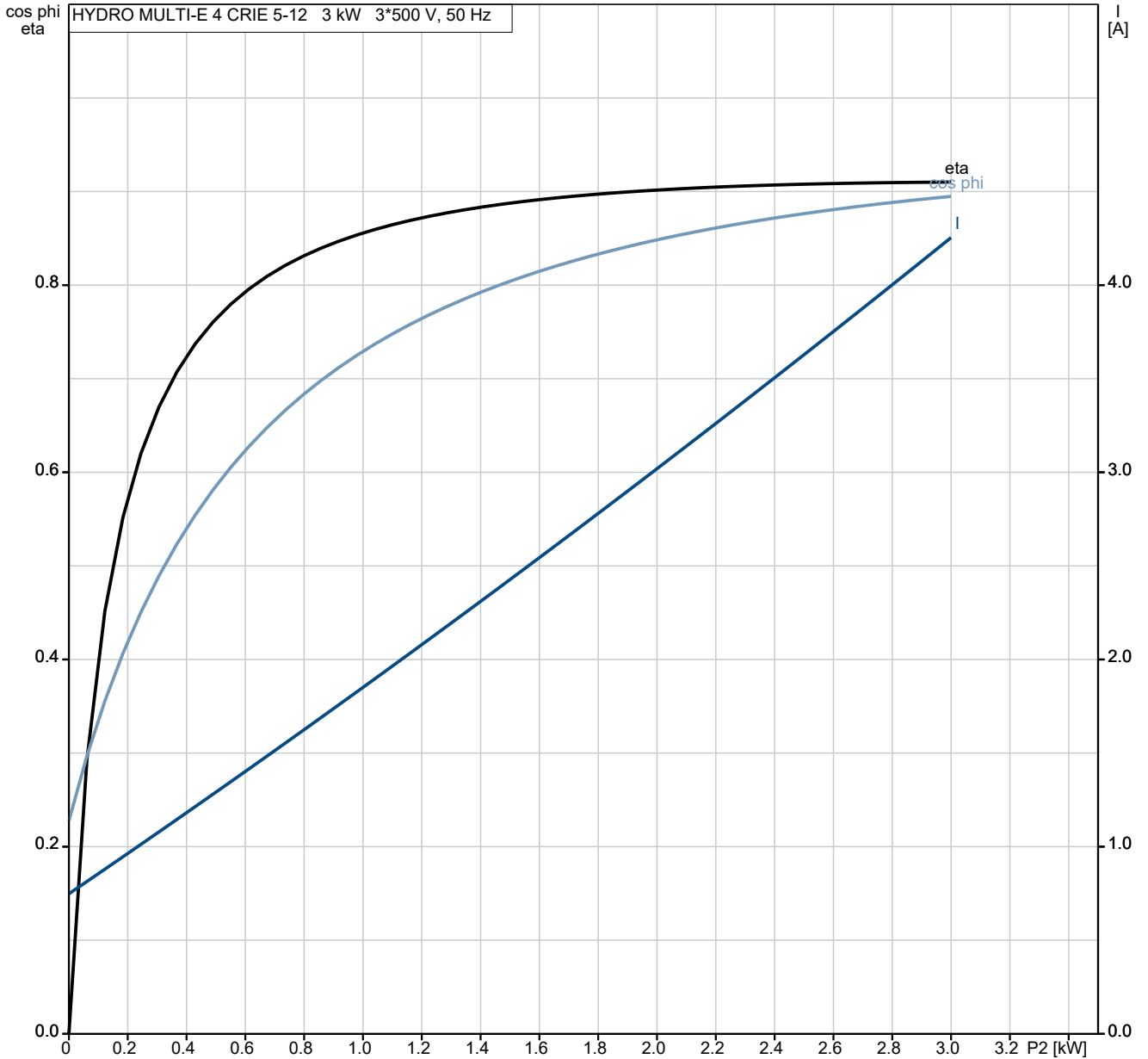
99133116 HYDRO MULTI-E 4 CRIE 5-12



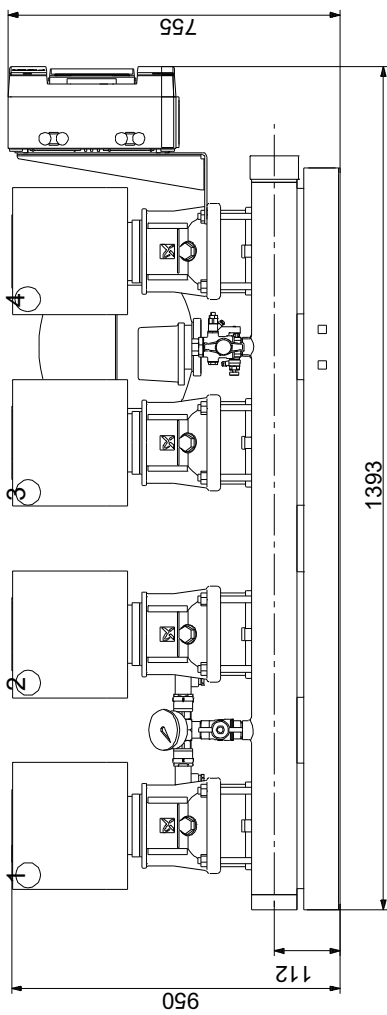
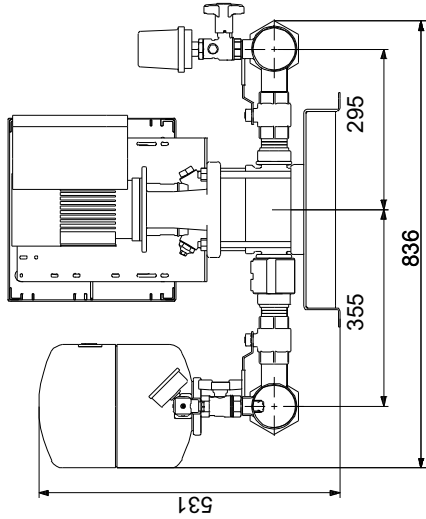
Description	Value
General information:	
Product name:	HYDRO MULTI-E 4 CRIE 5-12
Product No:	99133116
EAN number:	5712607360290
Technical:	
Max flow:	41 m ³ /h
Min flow system:	3 m ³ /h
Head max:	120 m
Pump name:	CRIE 5-12
Number of pumps:	4
Materials:	
Pump housing:	Stainless steel
Manifolds:	Stainless 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:	3 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Rated current:	23 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
Tank:	
Volume of pressure tank:	12 l
Diaphragm tank:	Yes
Others:	
Net weight:	238 kg
Gross weight:	322 kg
Shipping volume:	1.11 m ³
Language:	GB
Country of origin:	GB
Custom tariff no.:	84137075



99133116 HYDRO MULTI-E 4 CRIE 5-12

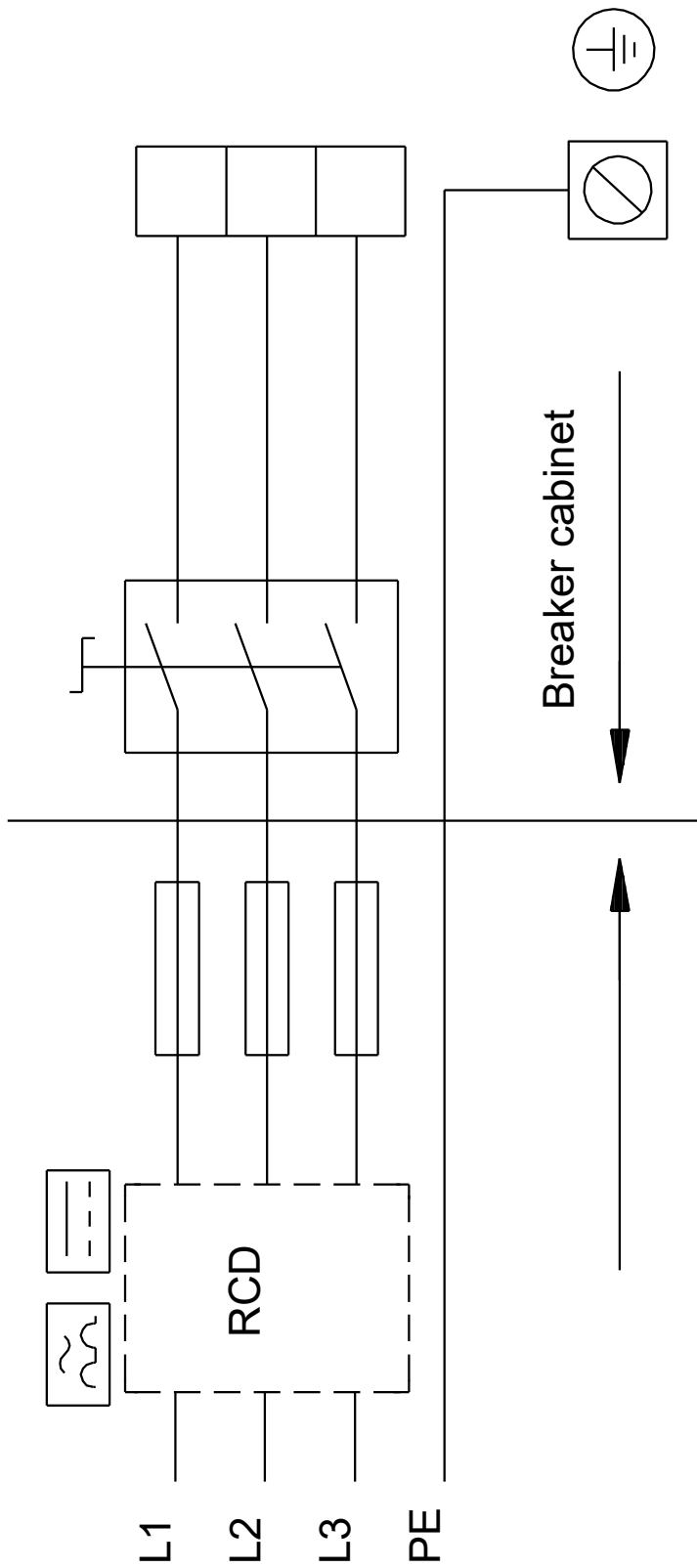


99133116 HYDRO MULTI-E 4 CRIE 5-12



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

99133116 HYDRO MULTI-E 4 CRIE 5-12



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

