
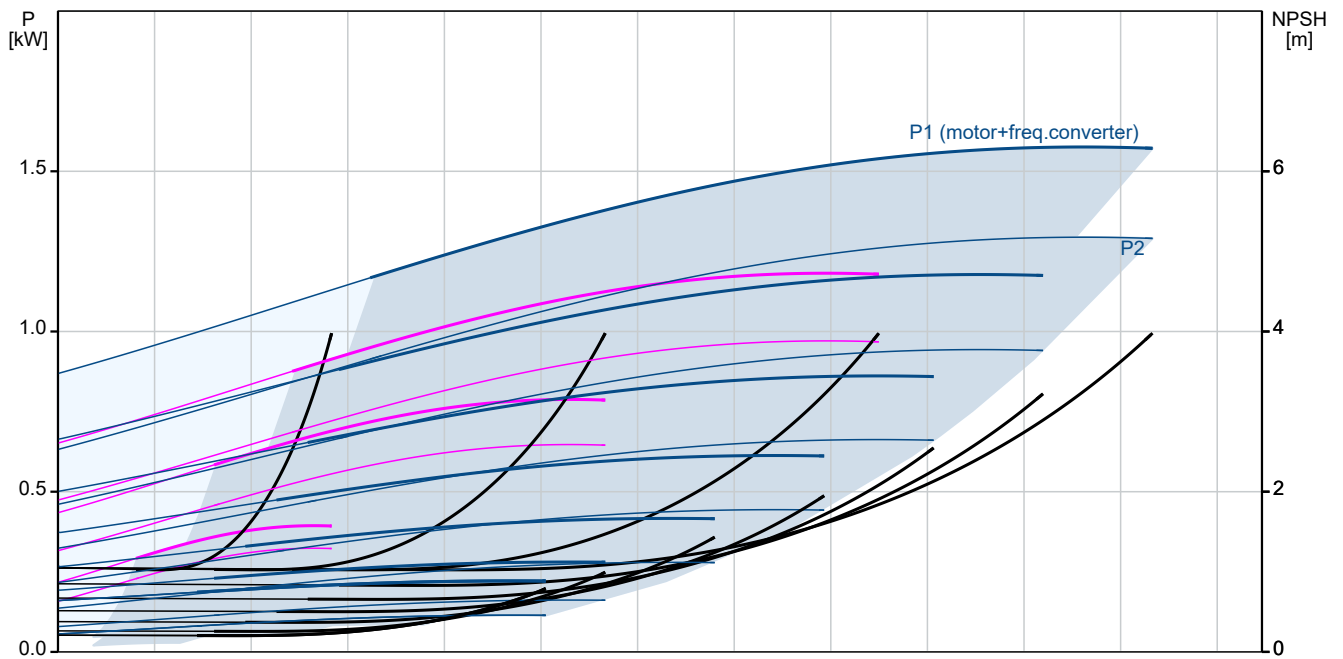
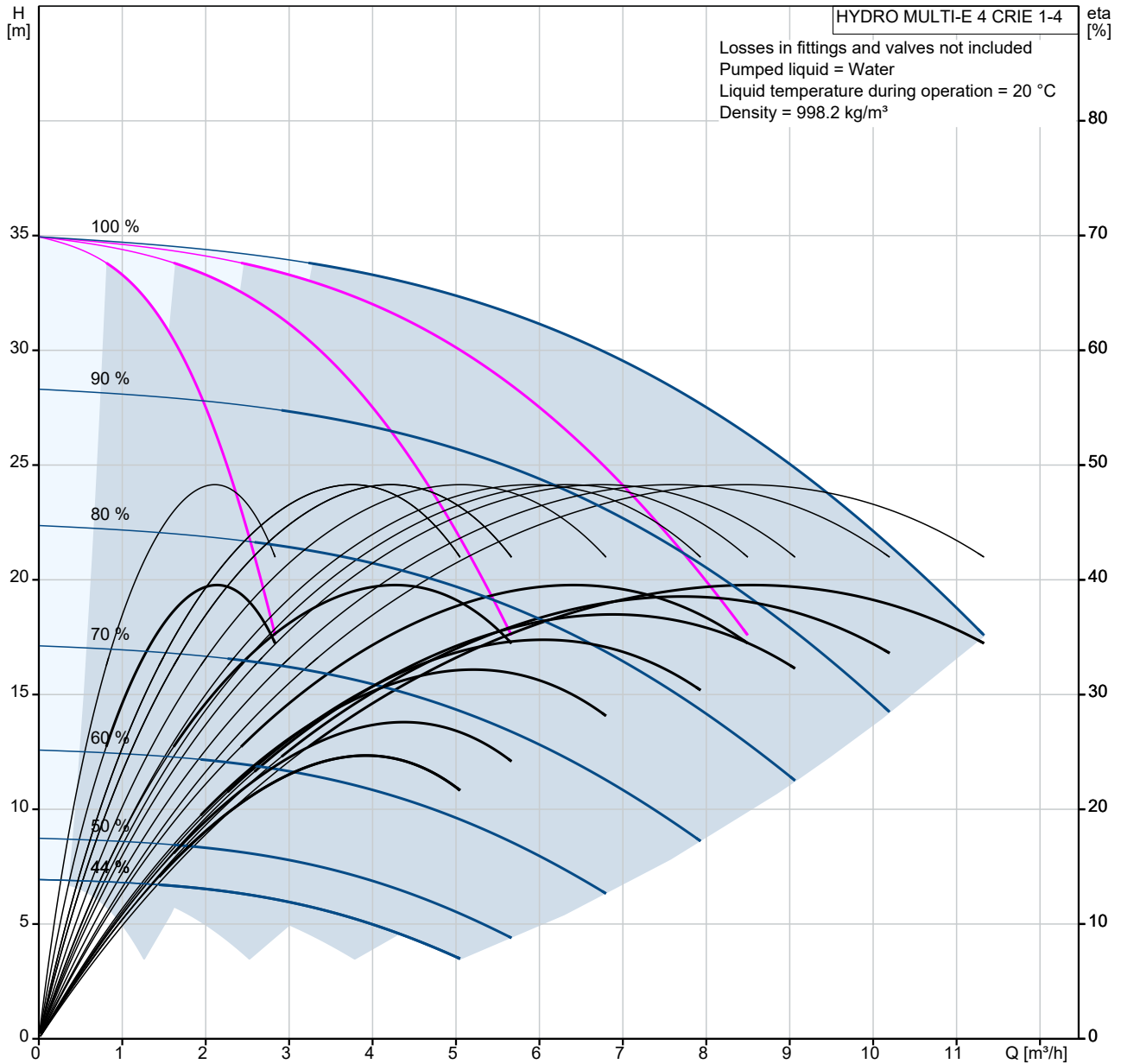


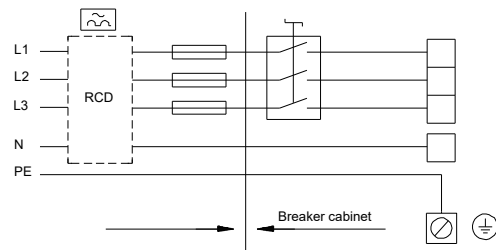
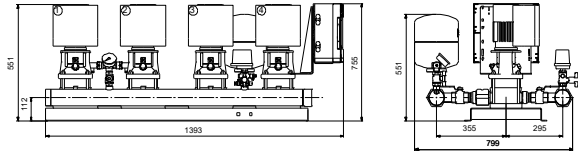
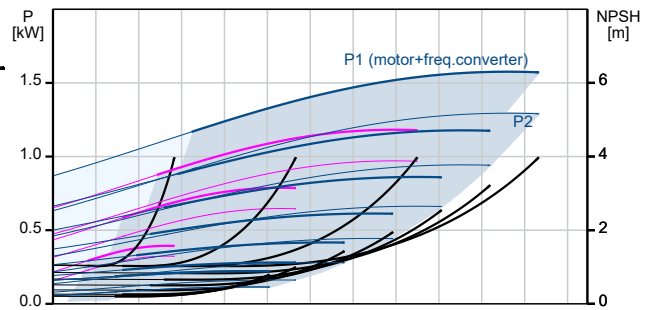
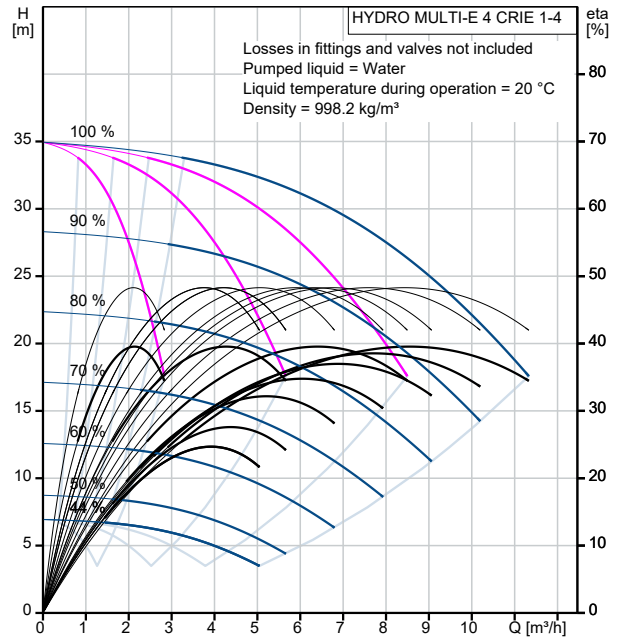
Qty.	Description
1	<p data-bbox="201 159 523 185"><b>HYDRO MULTI-E 4 CRIE 1-4</b></p> <div data-bbox="256 280 525 465" style="text-align: center;">  </div> <p data-bbox="592 506 1062 528" style="text-align: center;"><b>Note! Product picture may differ from actual product</b></p> <p data-bbox="201 537 464 562">Product No.: <a href="#">98486545</a></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="201 772 844 799">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 1378 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 1301 512 1328">Besides the system features:</p> <ul data-bbox="201 1330 847 1565" style="list-style-type: none"> <li>2 Digital outputs</li> <li>2 Digital inputs (one used for dry run protection)</li> <li>2 Analogue inputs (one used for discharge pressure sensor)</li> <li>Multi-Master functionality</li> <li>2 Limit functions</li> <li>Set-point influence function</li> <li>Pipe filling function</li> <li>High efficient PM motors</li> </ul> <p data-bbox="201 1599 584 1626">Available communication protocols:</p> <ul data-bbox="201 1628 400 1897" style="list-style-type: none"> <li>•LON</li> <li>•Profibus</li> <li>•Modbus</li> <li>•SMS/GSM/GPRS</li> <li>•GRM</li> <li>•BACnet</li> <li>•BACnet IP</li> <li>•Modbus TCP</li> <li>•PROFINET</li> </ul> <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 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/m<sup>3</sup></p> <p>Technical:  Max flow: 11.6 m<sup>3</sup>/h</p> <p>Materials:  Pump housing: Stainless steel</p> <p>Installation:  Maximum operating pressure: 10 bar  Maximum permissible inlet pressure: PN 10 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: 0.37 kW  Mains frequency: 50 / 60 Hz  Rated voltage: 3 x 380-415 V  Phase main pump: 1  Rated current: 4.3 A  Start. method: electronically  Enclosure class (IEC 34-5): IP54</p> <p>Tank:  Volume of pressure tank: 8 l  Diaphragm tank: Yes</p> <p>Others:  Net weight: 145 kg  Gross weight: 157 kg  Shipping volume: 0.6 m<sup>3</sup>  Language: GB  Country of origin: GB  Custom tariff no.: 84137075</p>

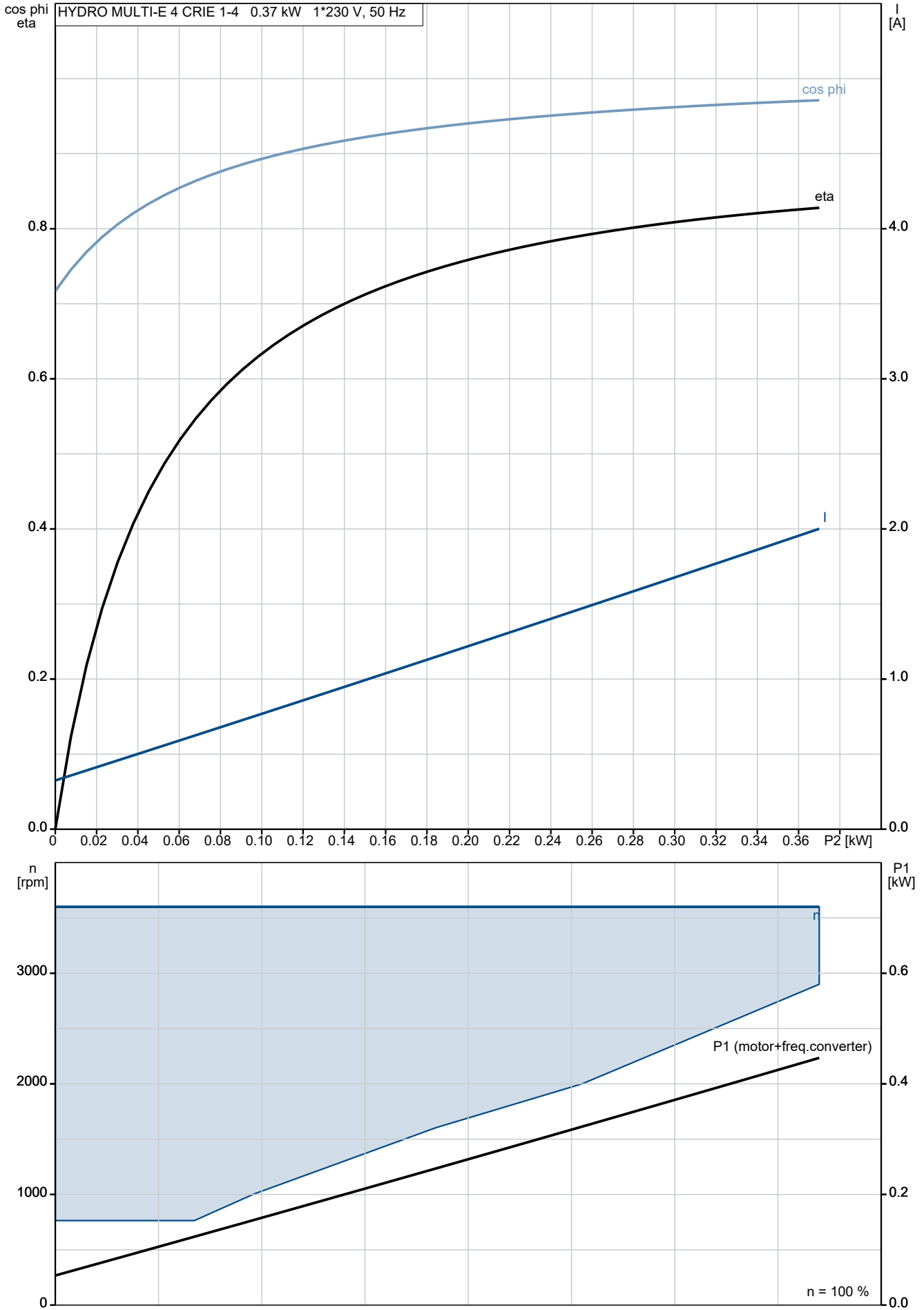
# 98486545 HYDRO MULTI-E 4 CRIE 1-4



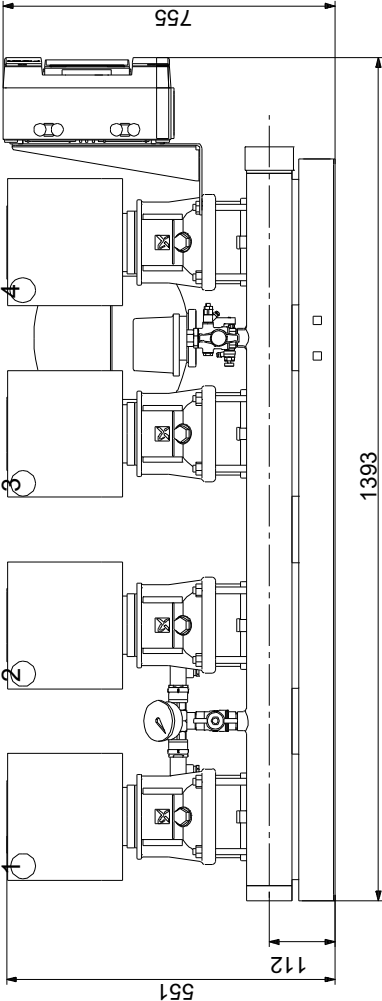
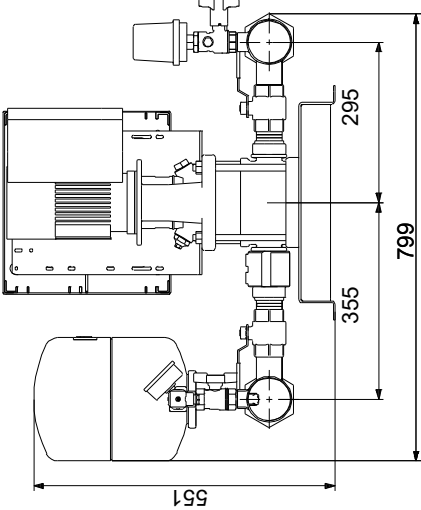
Description	Value
<b>General information:</b>	
Product name:	HYDRO MULTI-E 4 CRIE 1-4
Product No:	98486545
EAN number:	5711495952112
<b>Technical:</b>	
Max flow:	11.6 m <sup>3</sup> /h
Min flow system:	0.22 m <sup>3</sup> /h
Head max:	36 m
Pump name:	CRIE 1-4
Number of pumps:	4
<b>Materials:</b>	
Pump housing:	Stainless steel
Manifolds:	Stainless steel
<b>Installation:</b>	
Maximum operating pressure:	10 bar
Maximum permissible inlet pressure:	PN 10 bar
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	5 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
IE Efficiency class:	IE5
Power (P2) main pump:	0.37 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 380-415 V
Phase main pump:	1
Rated current:	4.3 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
<b>Tank:</b>	
Volume of pressure tank:	8 l
Diaphragm tank:	Yes
<b>Others:</b>	
Net weight:	145 kg
Gross weight:	157 kg
Shipping volume:	0.6 m <sup>3</sup>
Language:	GB
Country of origin:	GB
Custom tariff no.:	84137075



# 98486545 HYDRO MULTI-E 4 CRIE 1-4

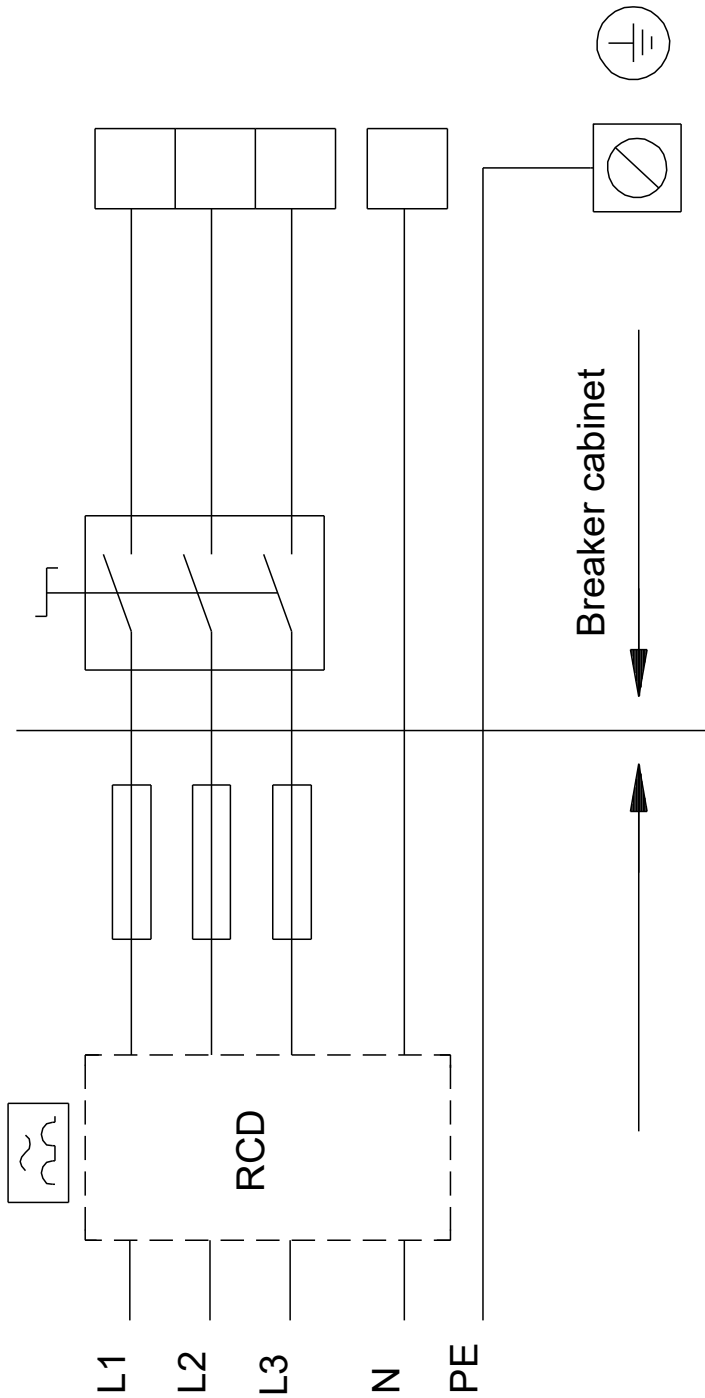


# 98486545 HYDRO MULTI-E 4 CRIE 1-4



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

# 98486545 HYDRO MULTI-E 4 CRIE 1-4



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

### Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		HYDRO MULTI-E 4 CRIE 1-4	1	98486545	Price on request