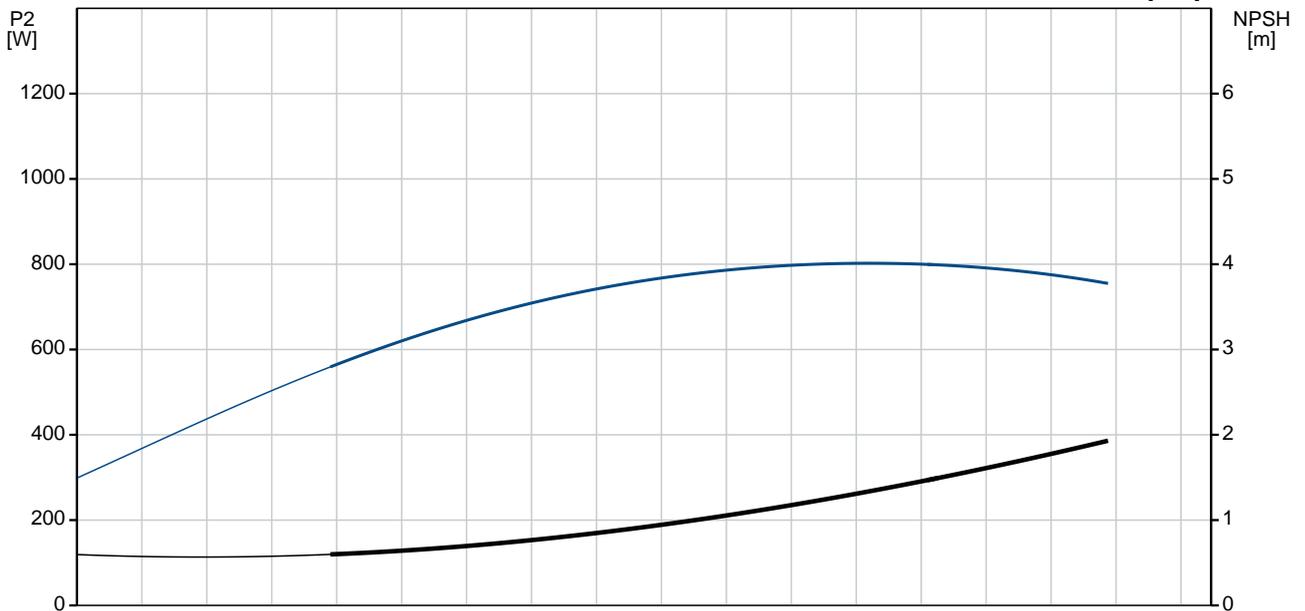
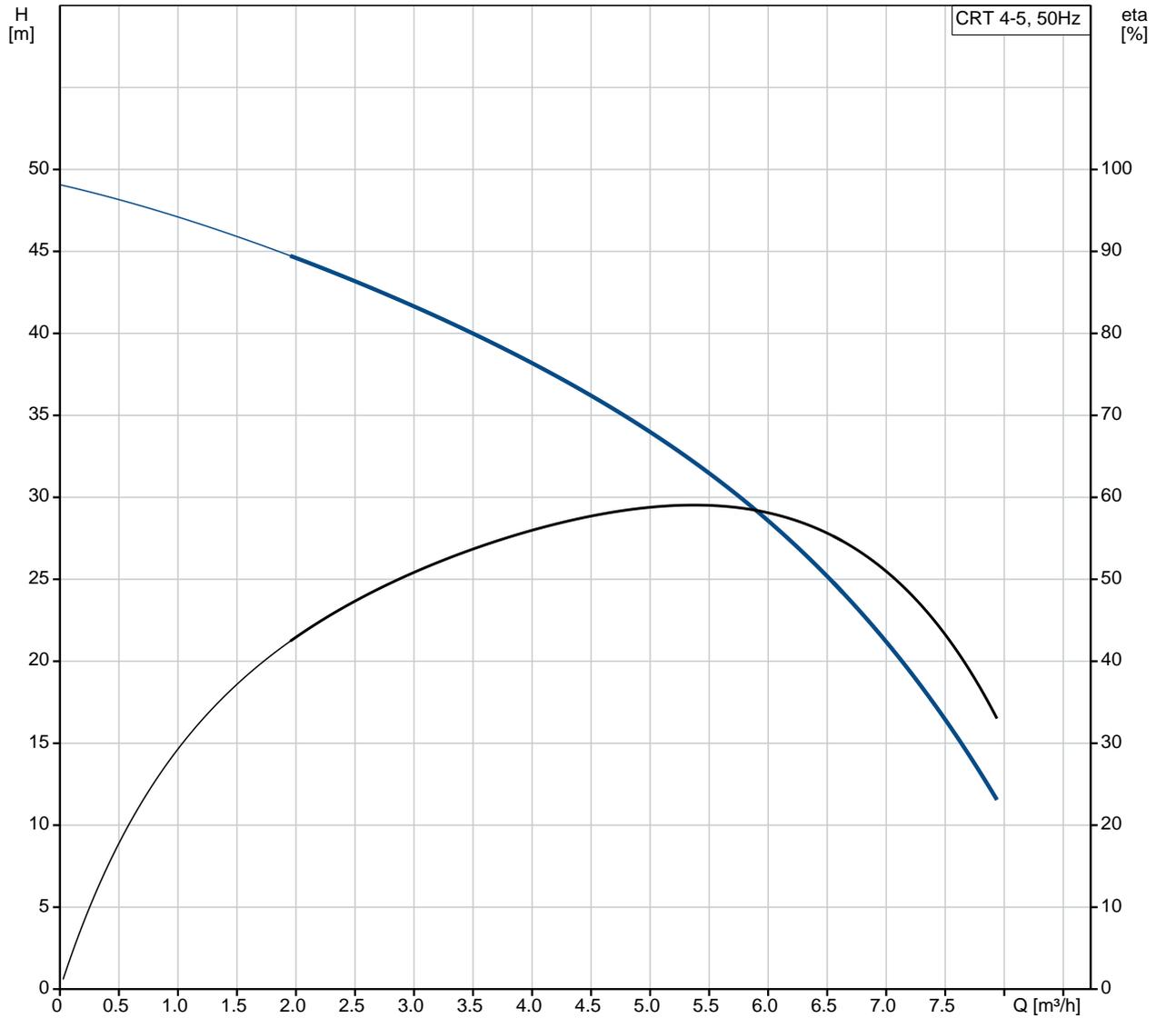


Qty.	Description
1	<p data-bbox="199 340 478 362"><b>CRT 4-5 A-P-A-E-AUUE</b></p>  <p data-bbox="199 660 470 683">Product No.: <a href="#">96100768</a></p> <p data-bbox="199 689 726 772">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="199 806 678 828">The pump has the following characteristics:</p> <ul data-bbox="239 840 758 862" style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer</li> </ul> <p data-bbox="199 869 885 891">Impeller: sleeve are made of Titanium.</p> <p data-bbox="199 898 1133 920">Pump housing: - Pump head cover and base are made of Titanium.</p> <ul data-bbox="239 927 670 949" style="list-style-type: none"> <li>- The shaft seal has assembly length</li> </ul> <p data-bbox="199 956 462 978">according to EN 12756.</p> <ul data-bbox="239 985 710 1008" style="list-style-type: none"> <li>- Power transmission is via cast iron split</li> </ul> <p data-bbox="199 1014 303 1037">coupling.</p> <p data-bbox="199 1043 925 1066">Flange standard: - Pipework connection is via PJE</p> <p data-bbox="199 1072 399 1095">flanges/couplings.</p> <p data-bbox="199 1128 941 1151">Phase: The motor is a 1-phase AC motor.</p> <p data-bbox="199 1193 279 1216">Liquid:</p> <p data-bbox="199 1223 630 1245">Pumped liquid: Water</p> <p data-bbox="199 1252 710 1274">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1281 630 1303">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1310 702 1332">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1366 319 1388">Technical:</p> <p data-bbox="199 1395 821 1417">Pump speed on which pump data are based: 2900 rpm</p> <p data-bbox="199 1424 638 1447">Rated flow: 6 m<sup>3</sup>/h</p> <p data-bbox="199 1453 646 1476">Rated head: 28.5 m</p> <p data-bbox="199 1482 638 1505">Primary shaft seal: AUUE</p> <p data-bbox="199 1512 638 1534">Approvals on nameplate: CE,TR</p> <p data-bbox="199 1541 766 1563">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1597 311 1619">Materials:</p> <p data-bbox="199 1626 710 1648">Pump housing: Titanium</p> <p data-bbox="566 1655 710 1677">ASTM B 265</p> <p data-bbox="199 1684 710 1706">Impeller: Titanium</p> <p data-bbox="566 1713 710 1736">ASTM B 265</p> <p data-bbox="199 1742 638 1765">Bush material: NONE</p> <p data-bbox="199 1798 327 1821">Installation:</p> <p data-bbox="199 1827 630 1850">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1856 734 1879">Max pressure at stated temp: 25 bar / 120 °C</p> <p data-bbox="566 1886 734 1908">25 bar / -20 °C</p> <p data-bbox="199 1915 614 1937">Flange standard: PJE</p> <p data-bbox="199 1944 662 1966">Pipe connection: 42,4 mm</p> <p data-bbox="199 1973 638 1995">Flange size for motor: FT115</p> <p data-bbox="199 2029 367 2051">Electrical data:</p>

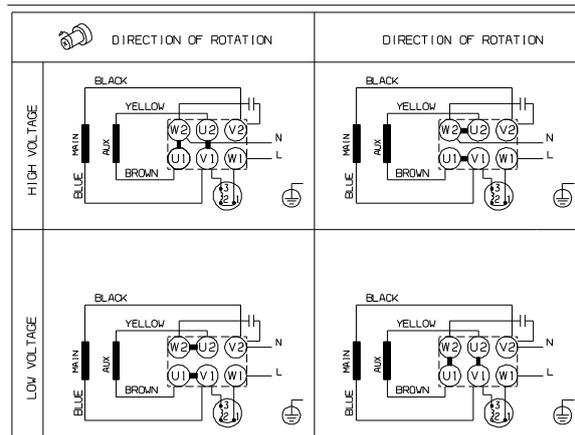
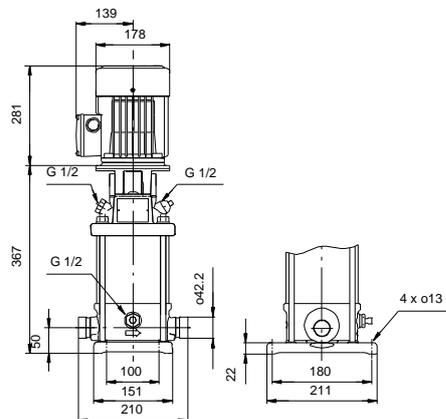
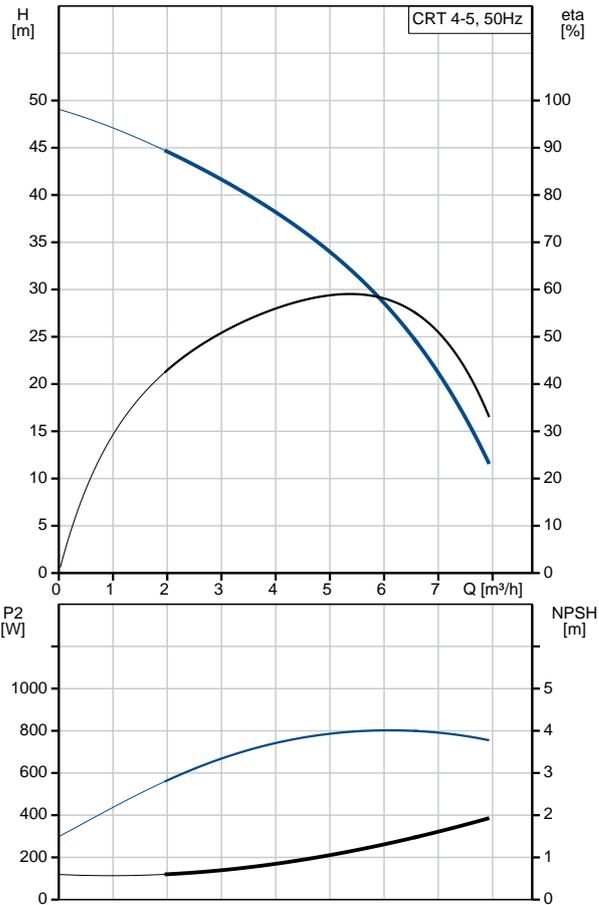
**Qty. Description**

Motor type:	90SB
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230/240 V
Rated current:	7.40/6.70 A
Starting current:	390 %
Cos phi - power factor:	0.98/0.99
Rated speed:	2770 rpm
Motor efficiency at full load:	73-71 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor No:	85215705
Others:	
Minimum efficiency index, MEI $\eta_{min}$ :	0.7
Net weight:	19.6 kg
Gross weight:	24.6 kg

## 96100768 CRT 4-5 A-P-A-E-AUUE 50 Hz



Description	Value
<b>General information:</b>	
Product name:	CRT 4-5 A-P-A-E-AUUE
Product No:	96100768
EAN number:	5700395848830
Price:	
<b>Technical:</b>	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	6 m <sup>3</sup> /h
Rated head:	28.5 m
Maximum head:	50.7 m
Head max:	50.7 m
Stages:	6
Impellers:	5
Primary shaft seal:	AUUE
Approvals on nameplate:	CE,TR
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Pump housing:	Titanium
Pump housing:	ASTM B 265
Impeller:	Titanium
Impeller:	ASTM B 265
Material code:	A
Code for rubber:	E
Bush material:	NONE
<b>Installation:</b>	
Maximum ambient temperature:	40 °C
Max pressure at stated temp:	25 bar / 120 °C
Max pressure at stated temp:	25 bar / -20 °C
Flange standard:	PJE
Pipe connection:	42,4 mm
Flange size for motor:	FT115
Connect code:	P
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	90SB
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
Power (P2) required by pump:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230/240 V
Rated current:	7.40/6.70 A
Starting current:	390 %
Cos phi - power factor:	0.98/0.99
Rated speed:	2770 rpm
Motor efficiency at full load:	73-71 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215705
<b>Others:</b>	





Company name:

Created by:

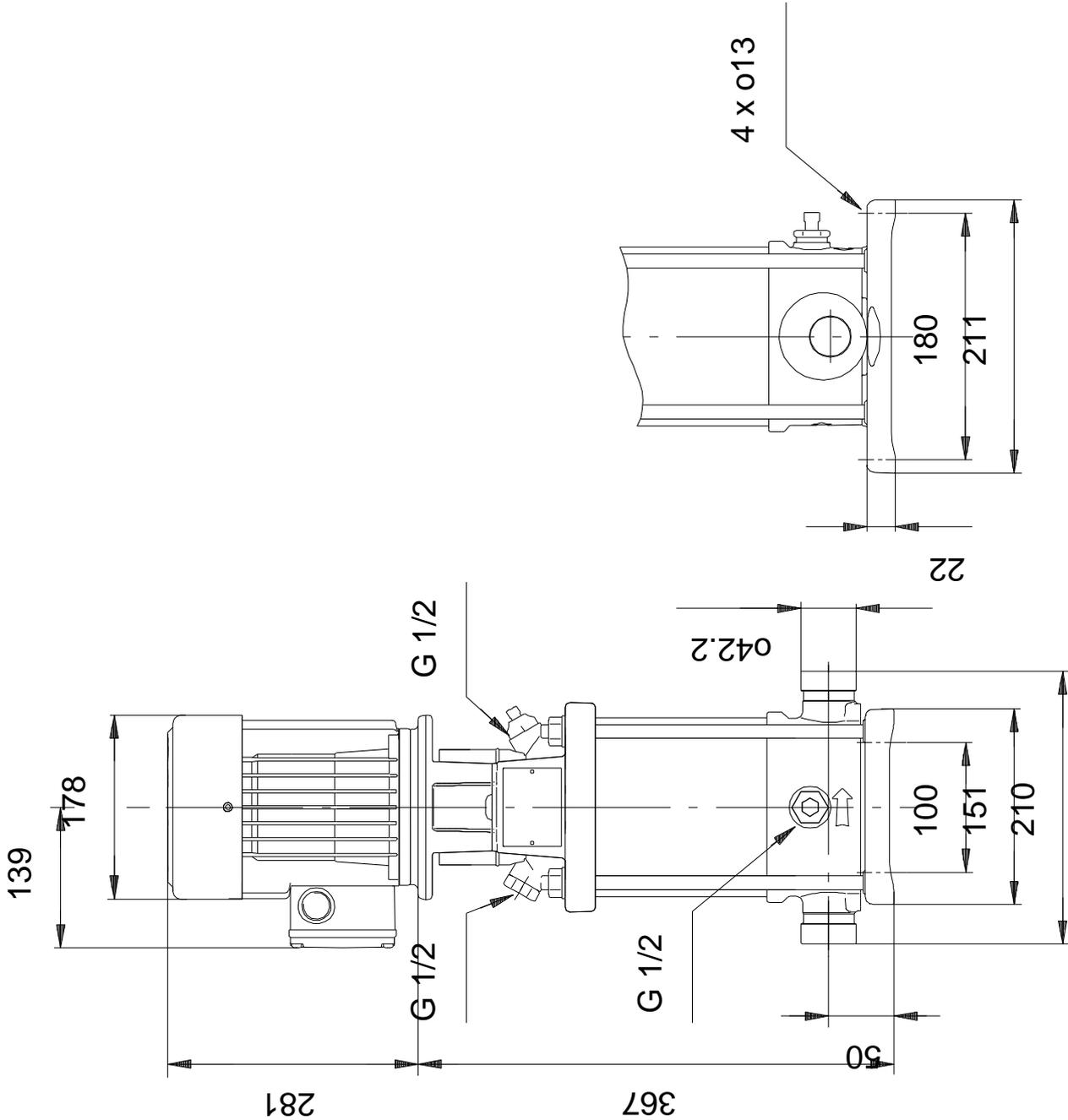
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Date:

19/01/2021

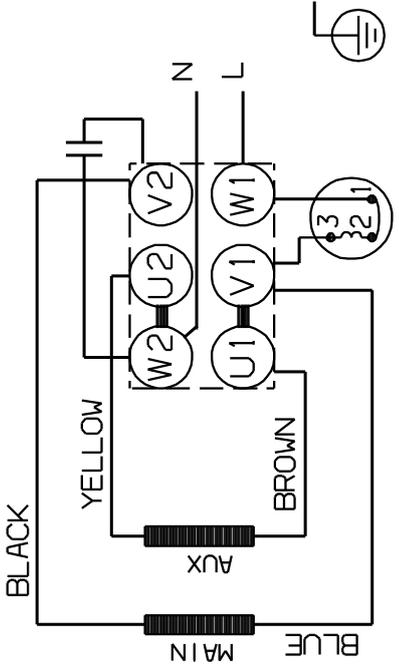
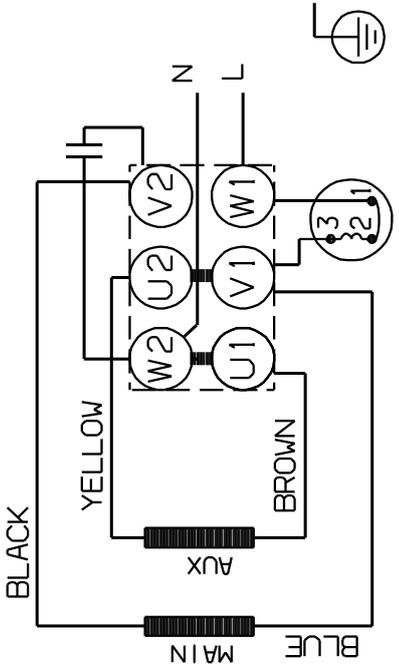
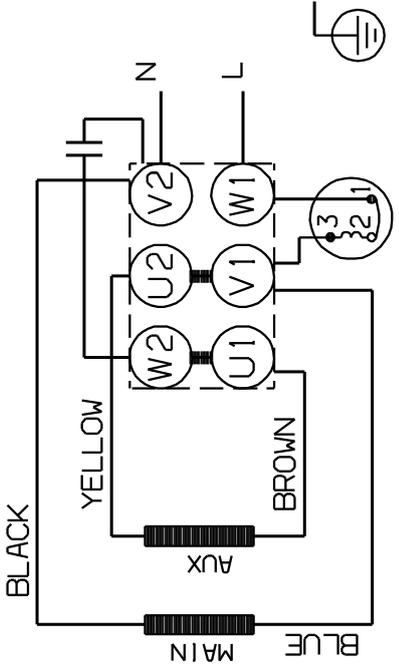
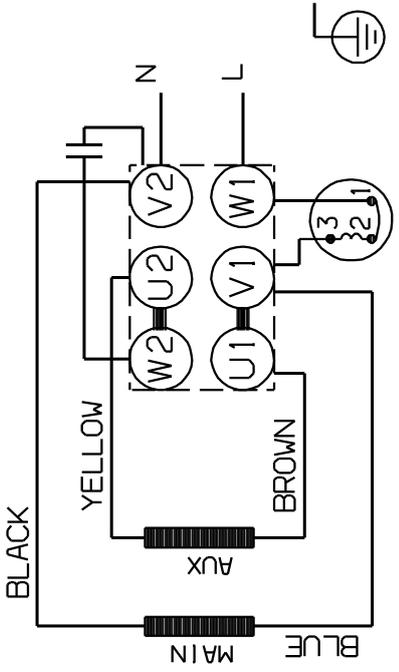
Description	Value
Minimum efficiency index, MEI %:	0.7
Net weight:	19.6 kg
Gross weight:	24.6 kg

**96100768 CRT 4-5 A-P-A-E-AUUE 50 Hz**



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

## 96100768 CRT 4-5 A-P-A-E-AUUE 50 Hz

DIRECTION OF ROTATION	
DIRECTION OF ROTATION	
	
	

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