


Qty.	Description
1	<p data-bbox="199 340 478 362">CRT 2-9 A-P-A-E-AUUE</p>  <p data-bbox="199 660 470 683">Product No.: 96100271</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"> - Impellers, intermediate chambers and outer <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="239 929 670 952" style="list-style-type: none"> - The shaft seal has assembly length <p data-bbox="199 958 462 981">according to EN 12756.</p> <ul data-bbox="239 990 710 1012" style="list-style-type: none"> - Power transmission is via cast iron split <p data-bbox="199 1019 303 1041">coupling.</p> <p data-bbox="199 1048 925 1070">Flange standard: - Pipework connection is via PJE</p> <p data-bbox="199 1077 399 1099">flanges/couplings.</p> <p data-bbox="199 1137 941 1160">Phase: The motor is a 1-phase AC motor.</p> <p data-bbox="199 1198 279 1220">Liquid:</p> <p data-bbox="199 1227 630 1249">Pumped liquid: Water</p> <p data-bbox="199 1256 710 1279">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1285 630 1308">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1314 702 1337">Density: 998.2 kg/m³</p> <p data-bbox="199 1375 319 1397">Technical:</p> <p data-bbox="199 1404 821 1426">Pump speed on which pump data are based: 2900 rpm</p> <p data-bbox="199 1433 662 1456">Rated flow: 2.5 m³/h</p> <p data-bbox="199 1462 646 1485">Rated head: 56.7 m</p> <p data-bbox="199 1491 638 1514">Primary shaft seal: AUUE</p> <p data-bbox="199 1520 646 1543">Approvals on nameplate: CE,TR</p> <p data-bbox="199 1550 766 1572">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1610 311 1632">Materials:</p> <p data-bbox="199 1639 710 1695">Pump housing: Titanium ASTM B 265</p> <p data-bbox="199 1702 710 1758">Impeller: Titanium ASTM B 265</p> <p data-bbox="199 1765 638 1787">Bush material: NONE</p> <p data-bbox="199 1825 327 1848">Installation:</p> <p data-bbox="199 1854 630 1877">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1883 734 1939">Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C</p> <p data-bbox="199 1946 614 1968">Flange standard: PJE</p> <p data-bbox="199 1975 662 1998">Pipe connection: 42,4 mm</p> <p data-bbox="199 2004 638 2027">Flange size for motor: FT115</p> <p data-bbox="199 2065 367 2087">Electrical data:</p>



Company name:

Created by:

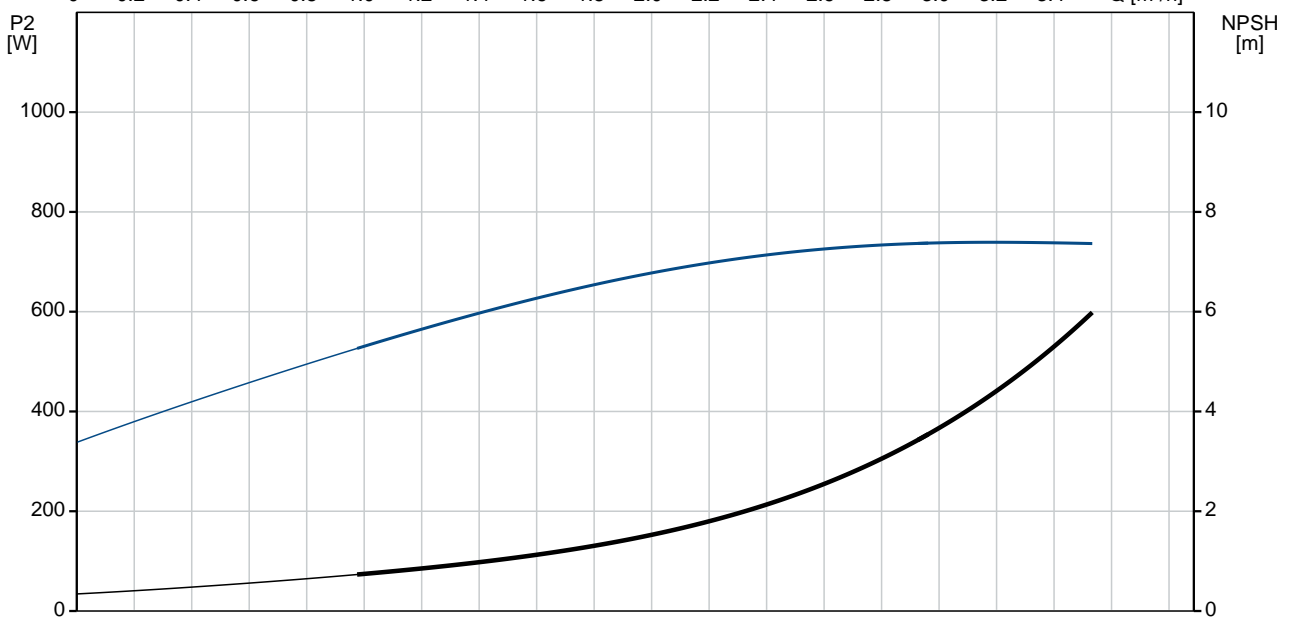
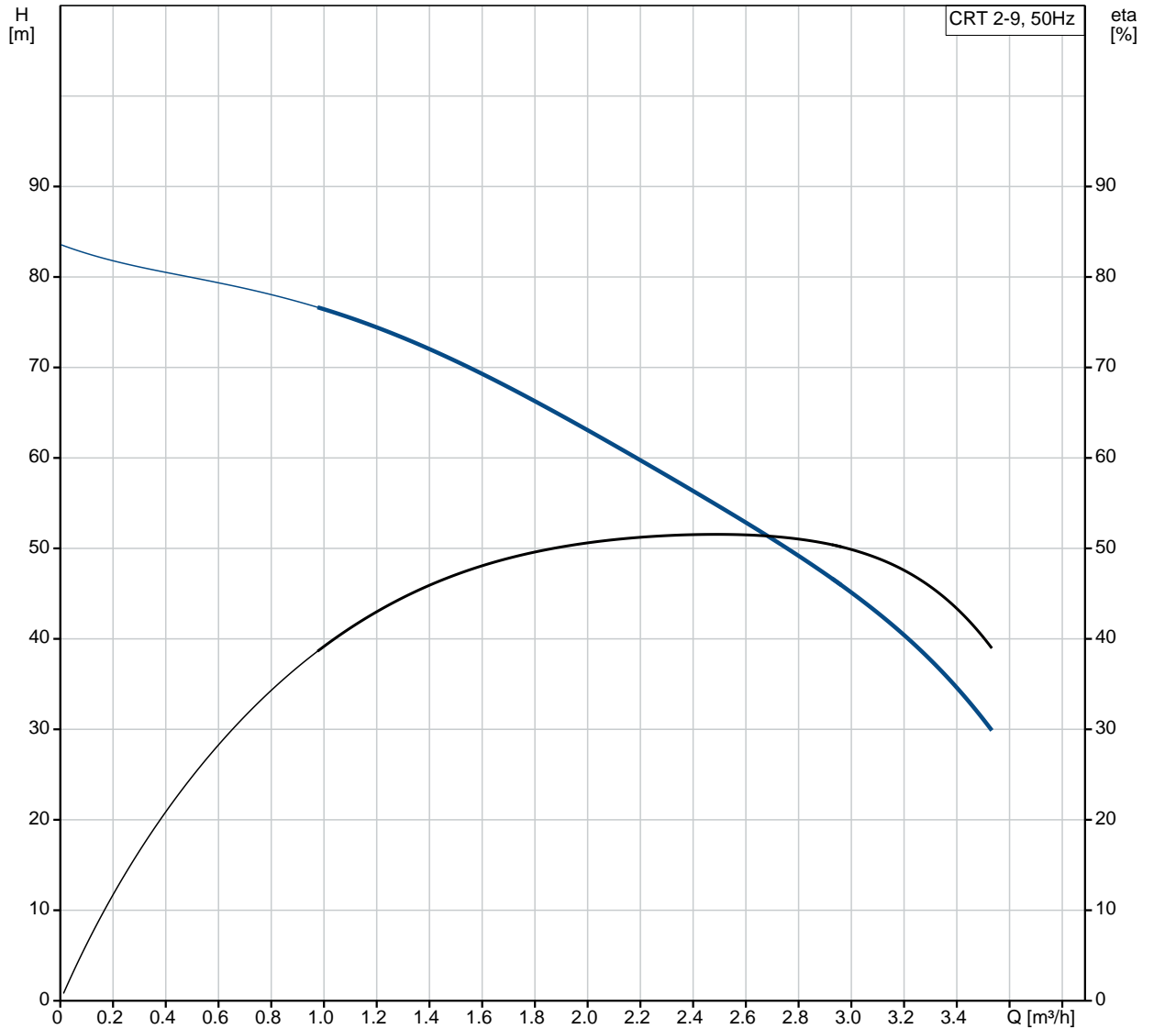
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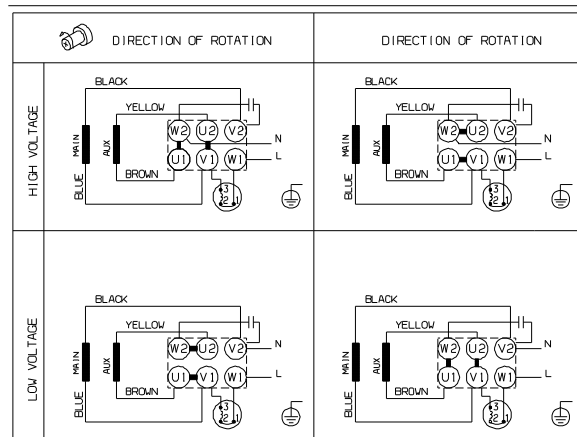
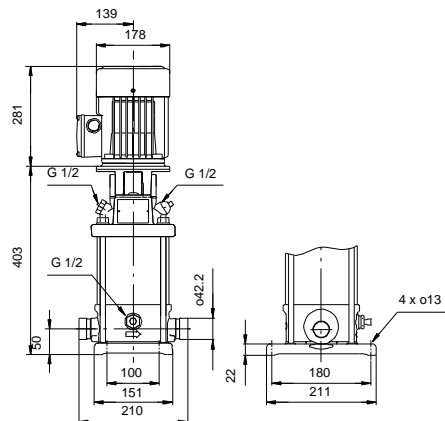
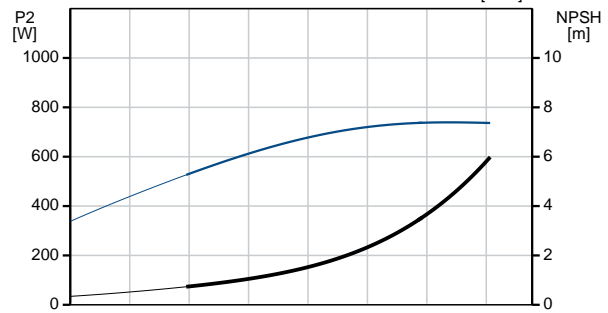
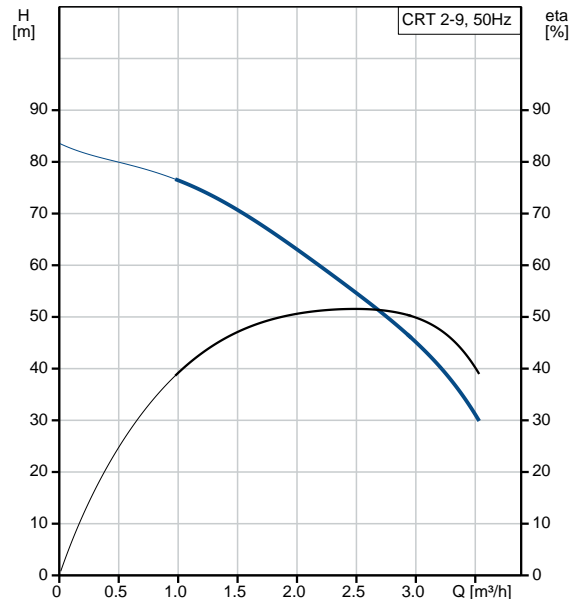
19/01/2021

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 η_{min} : 0.7
	Net weight: 20.1 kg
	Gross weight: 25.1 kg

96100271 CRT 2-9 A-P-A-E-AUUE 50 Hz



Description	Value
General information:	
Product name:	CRT 2-9 A-P-A-E-AUUE
Product No:	96100271
EAN number:	5700395841497
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	2.5 m³/h
Rated head:	56.7 m
Maximum head:	84.5 m
Head max:	84.5 m
Stages:	11
Impellers:	9
Primary shaft seal:	AUUE
Approvals on nameplate:	CE, TR
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Titanium
Pump housing:	ASTM B 265
Impeller:	Titanium
Impeller:	ASTM B 265
Material code:	A
Code for rubber:	E
Bush material:	NONE
Installation:	
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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
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
Others:	





Company name:

Created by:

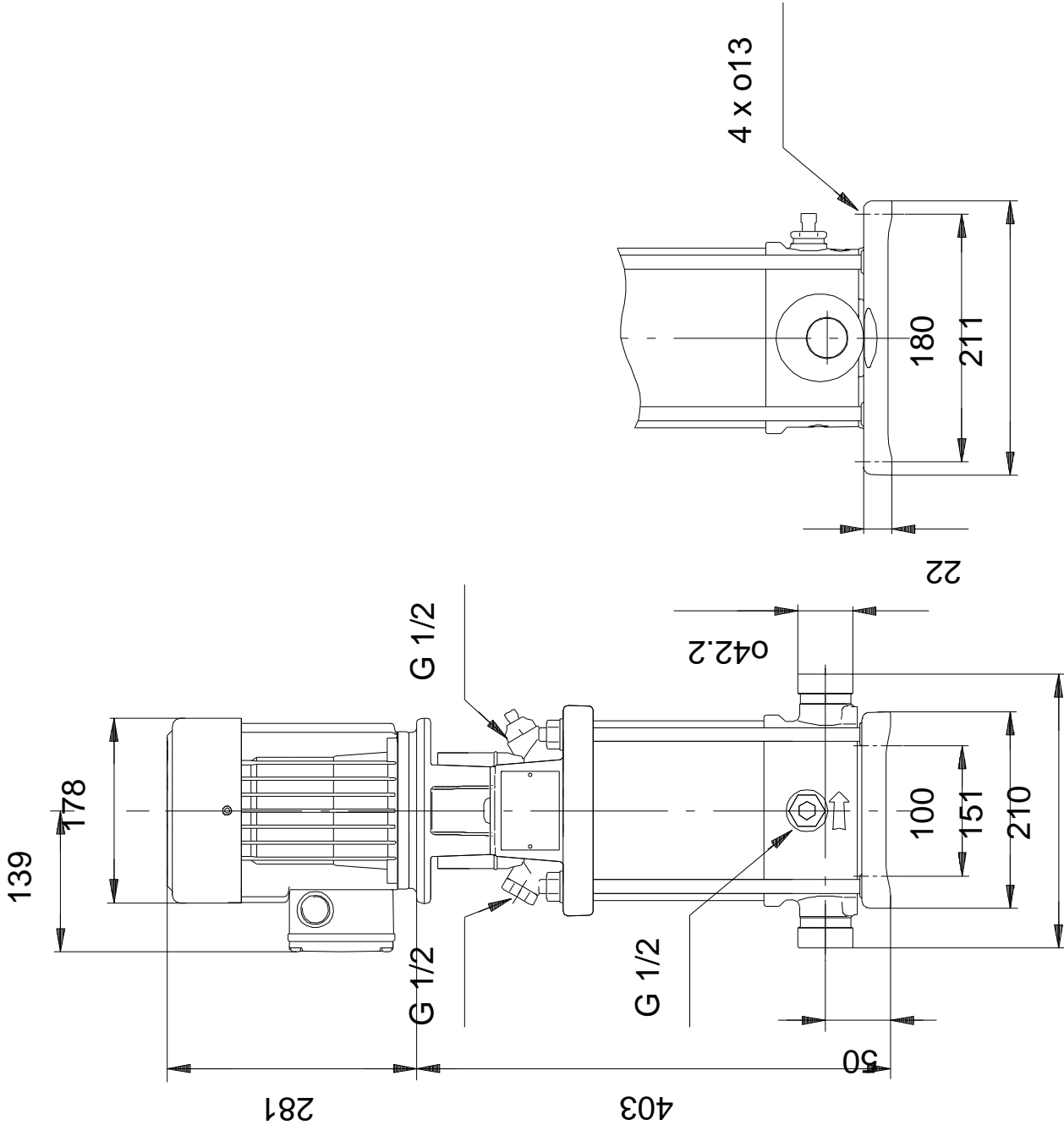
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Date:

19/01/2021

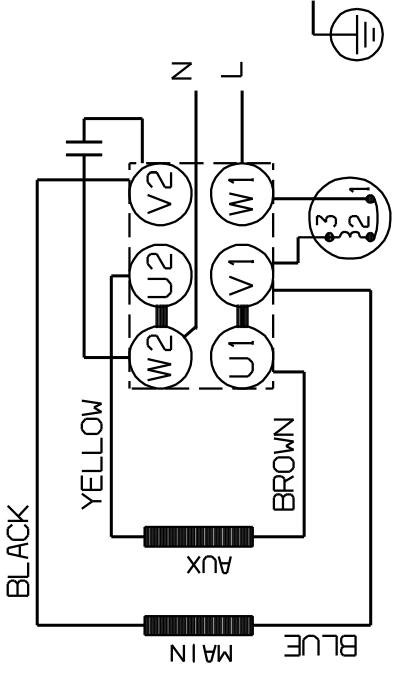
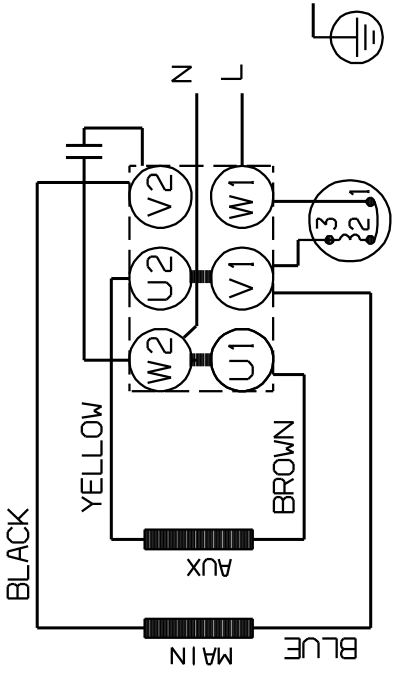
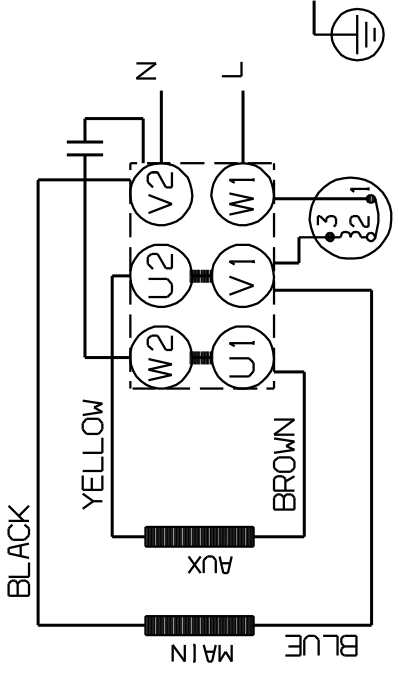
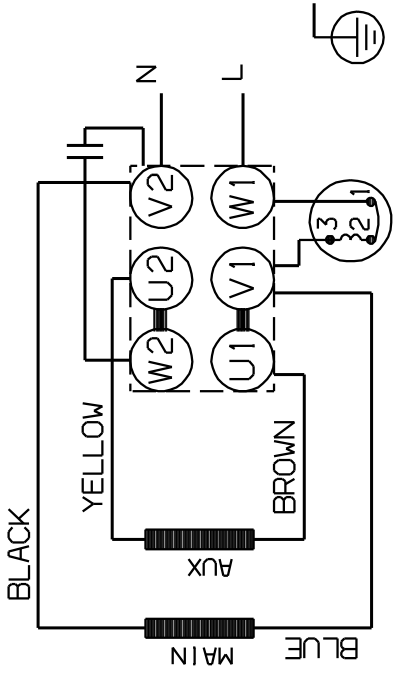
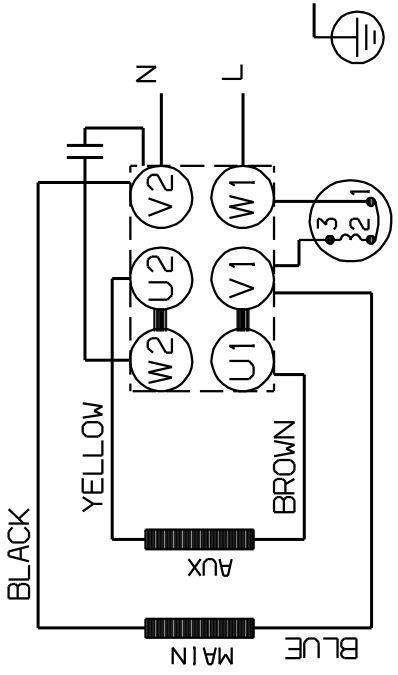
Description	Value
Minimum efficiency index, MEI %:	0.7
Net weight:	20.1 kg
Gross weight:	25.1 kg

96100271 CRT 2-9 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.

96100271 CRT 2-9 A-P-A-E-AUUE 50 Hz

DIRECTION OF ROTATION	
 DIRECTION OF ROTATION	
DIRECTION OF ROTATION	
HIGH VOLTAGE	

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