


Qty.	Description
1	<p data-bbox="199 338 475 367">CRT 4-7 A-P-A-E-AUUE</p>  <p data-bbox="199 663 475 692">Product No.: 96100770</p> <p data-bbox="199 696 724 779">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="199 813 679 842">The pump has the following characteristics:</p> <ul data-bbox="236 842 759 871" style="list-style-type: none"> - Impellers, intermediate chambers and outer <p data-bbox="199 875 887 904">Impeller: sleeve are made of Titanium.</p> <p data-bbox="199 904 1134 934">Pump housing: - Pump head cover and base are made of Titanium.</p> <ul data-bbox="236 934 671 963" style="list-style-type: none"> - The shaft seal has assembly length <p data-bbox="199 963 464 992">according to EN 12756.</p> <ul data-bbox="236 992 715 1050" style="list-style-type: none"> - Power transmission is via cast iron split coupling. <p data-bbox="199 1055 927 1113">Flange standard: - Pipework connection is via PJE flanges/couplings.</p> <p data-bbox="199 1140 940 1169">Phase: The motor is a 1-phase AC motor.</p> <p data-bbox="199 1202 277 1232">Liquid:</p> <p data-bbox="199 1232 635 1261">Pumped liquid: Water</p> <p data-bbox="199 1261 708 1290">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1290 635 1319">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1319 700 1348">Density: 998.2 kg/m³</p> <p data-bbox="199 1382 320 1411">Technical:</p> <p data-bbox="199 1411 823 1440">Pump speed on which pump data are based: 2900 rpm</p> <p data-bbox="199 1440 639 1469">Rated flow: 6 m³/h</p> <p data-bbox="199 1469 624 1498">Rated head: 39 m</p> <p data-bbox="199 1498 639 1527">Primary shaft seal: AUUE</p> <p data-bbox="199 1527 639 1556">Approvals on nameplate: CE,TR</p> <p data-bbox="199 1556 764 1585">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1619 312 1648">Materials:</p> <p data-bbox="199 1648 708 1706">Pump housing: Titanium ASTM B 265</p> <p data-bbox="199 1706 708 1765">Impeller: Titanium ASTM B 265</p> <p data-bbox="199 1765 639 1794">Bush material: NONE</p> <p data-bbox="199 1827 331 1856">Installation:</p> <p data-bbox="199 1856 632 1886">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1886 735 1944">Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C</p> <p data-bbox="199 1944 616 1973">Flange standard: PJE</p> <p data-bbox="199 1973 663 2002">Pipe connection: 42,4 mm</p> <p data-bbox="199 2002 639 2031">Flange size for motor: FT115</p> <p data-bbox="199 2065 368 2094">Electrical data:</p>



Company name:

Created by:

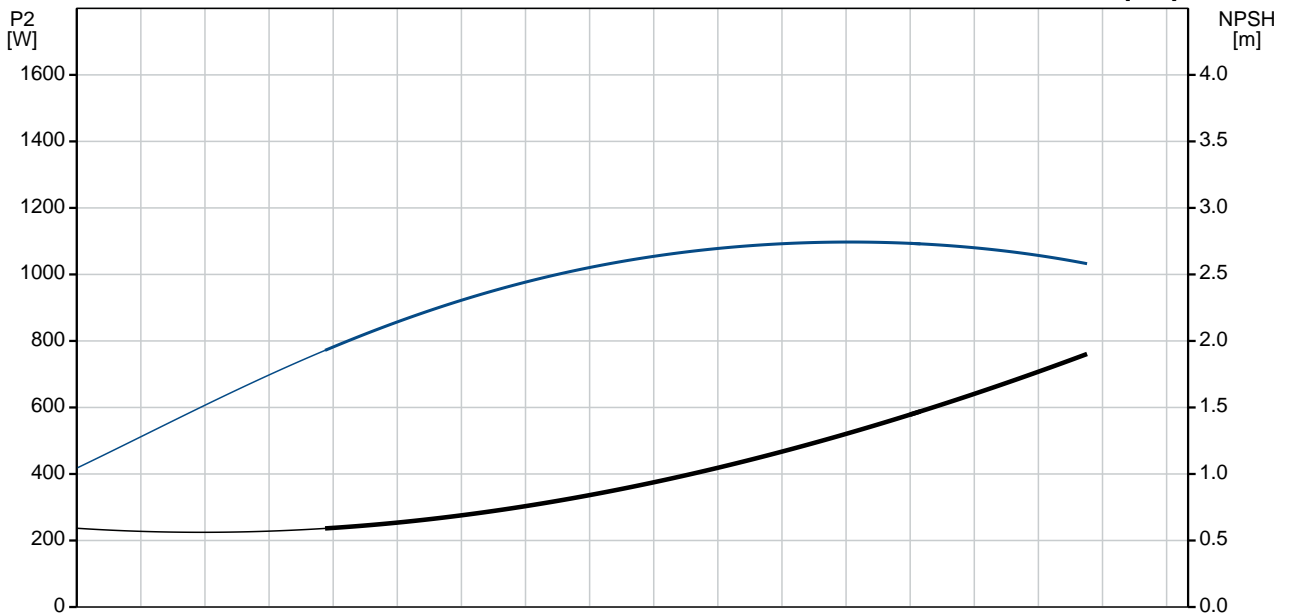
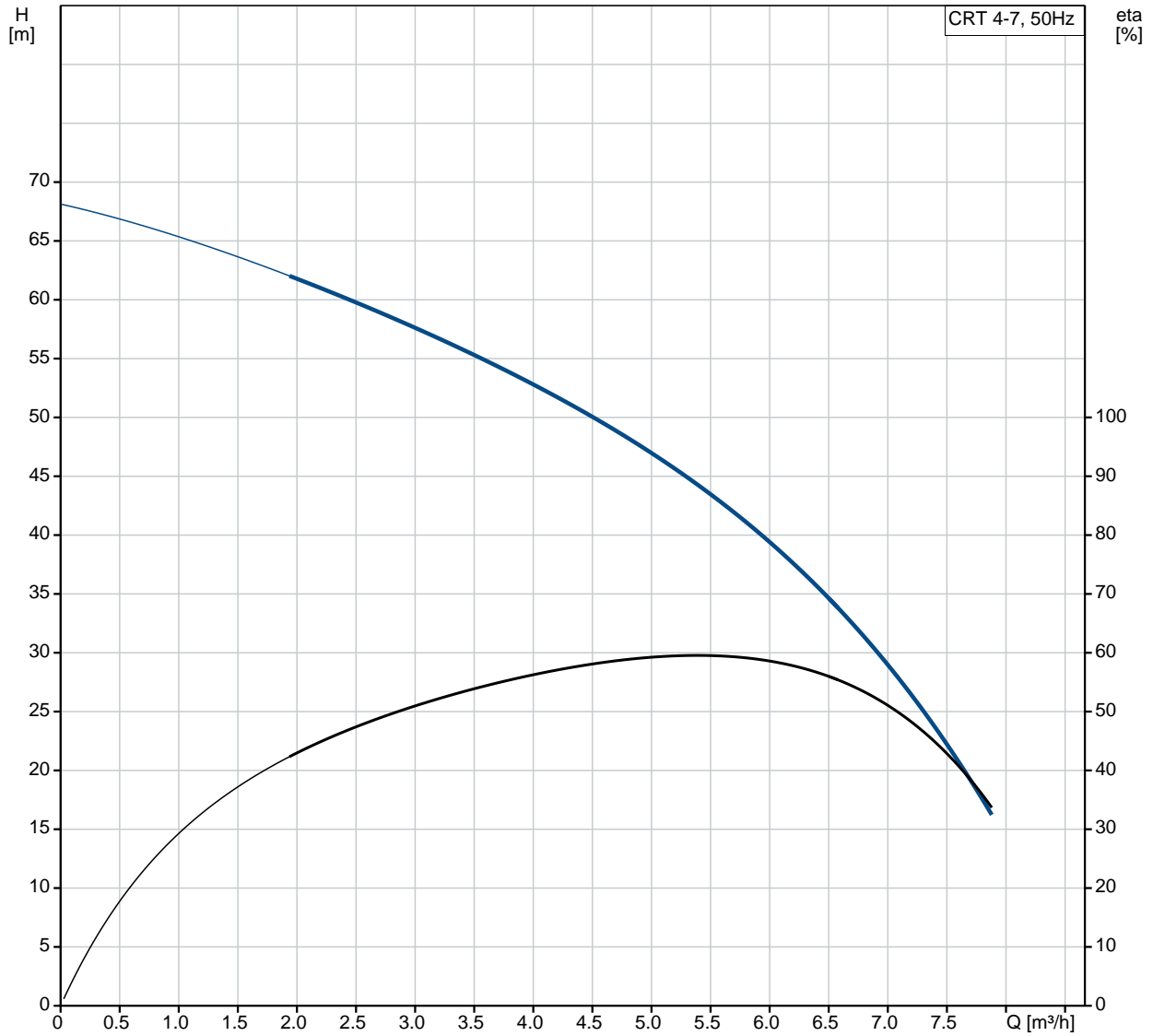
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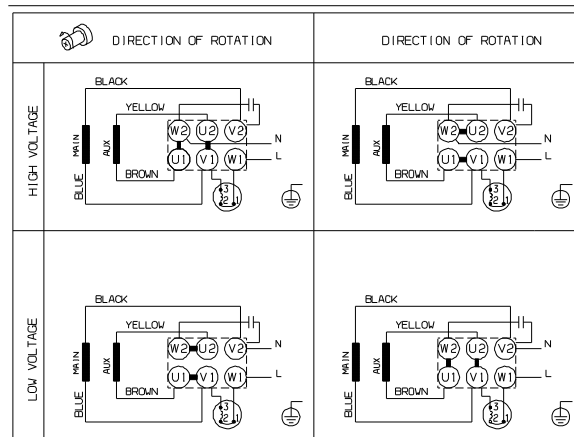
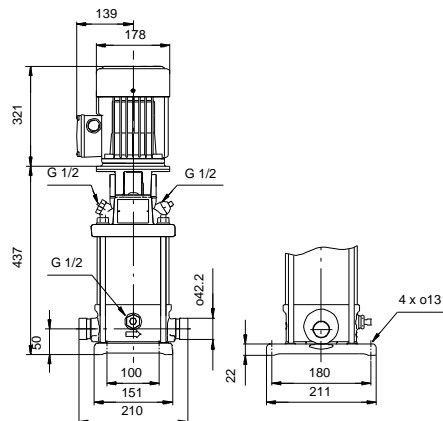
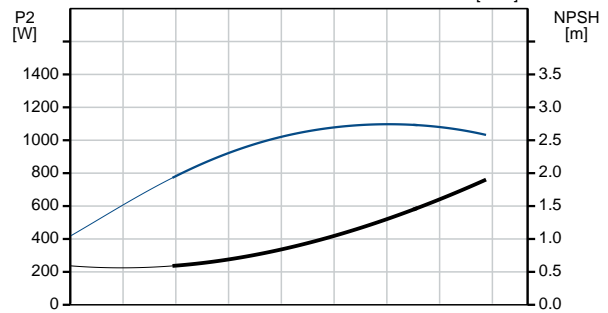
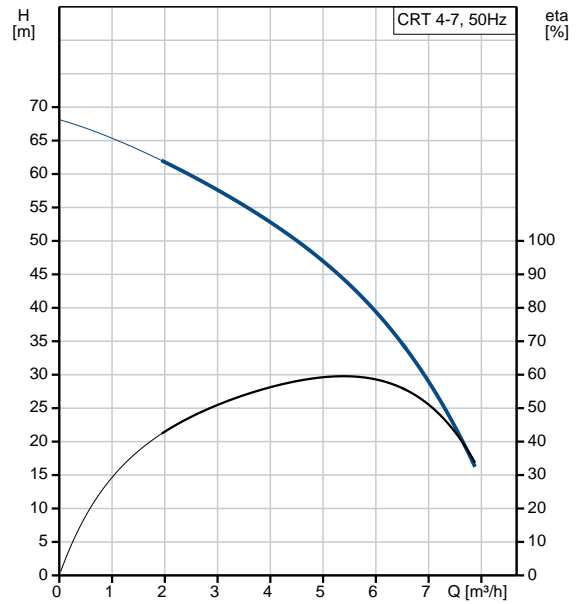
19/01/2021

Qty.	Description
	Motor type: 90LB
	Rated power - P2: 1.5 kW
	Power (P2) required by pump: 1.5 kW
	1.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 1 x 220-230/240 V
	Rated current: 9.90/8.90 A
	Starting current: 390 %
	Cos phi - power factor: 0.98/0.99
	Rated speed: 2750/2740 rpm
	Motor efficiency at full load: 72-70 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85215706
	Others:
	Minimum efficiency index, MEI η_{min} : 0.7
	Net weight: 29.6 kg
	Gross weight: 34.6 kg

96100770 CRT 4-7 A-P-A-E-AUUE 50 Hz



Description	Value
General information:	
Product name:	CRT 4-7 A-P-A-E-AUUE
Product No:	96100770
EAN number:	5700395848854
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	6 m³/h
Rated head:	39 m
Maximum head:	71.1 m
Head max:	71.1 m
Stages:	8
Impellers:	7
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:	90LB
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230/240 V
Rated current:	9.90/8.90 A
Starting current:	390 %
Cos phi - power factor:	0.98/0.99
Rated speed:	2750/2740 rpm
Motor efficiency at full load:	72-70 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215706
Others:	





Company name:

Created by:

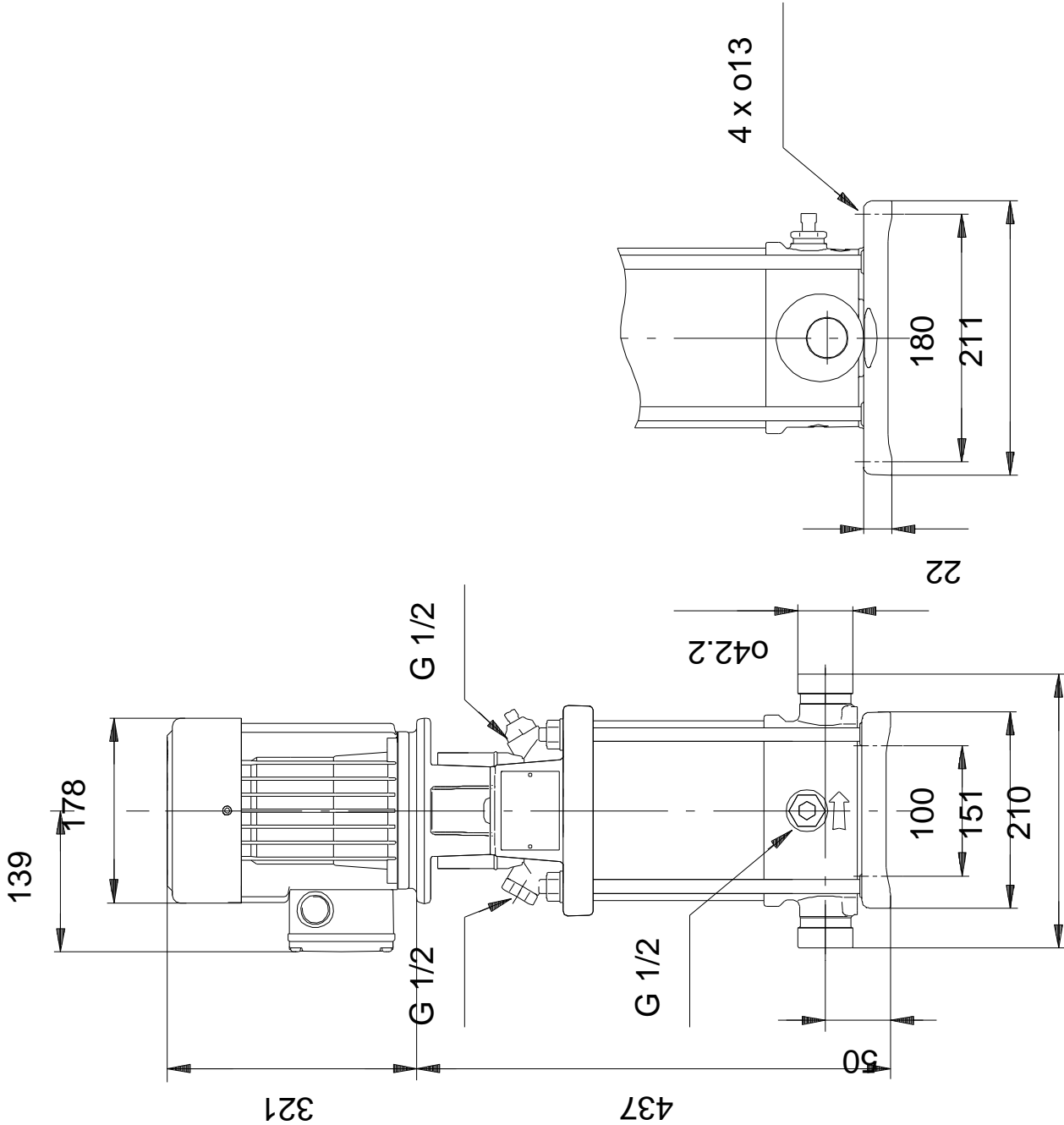
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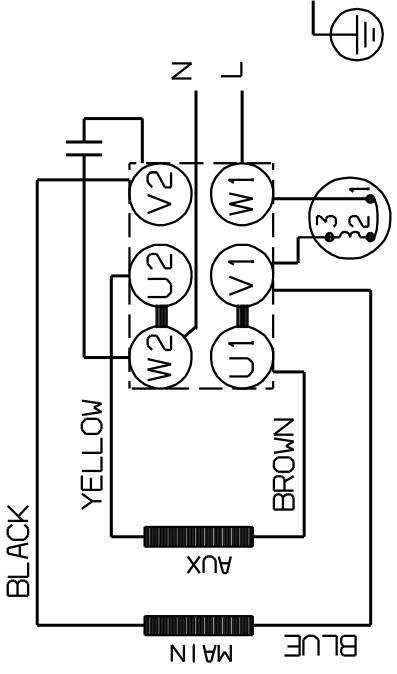
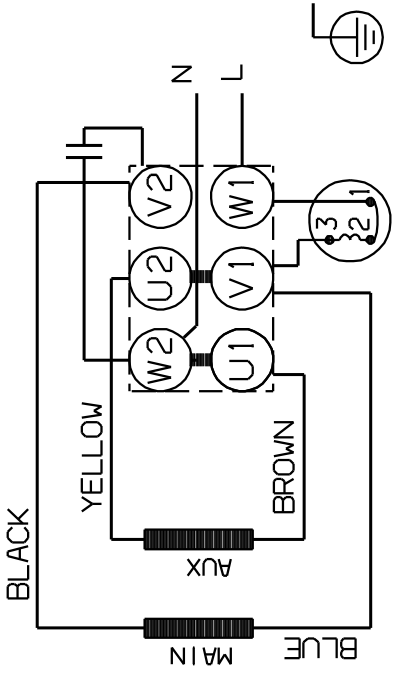
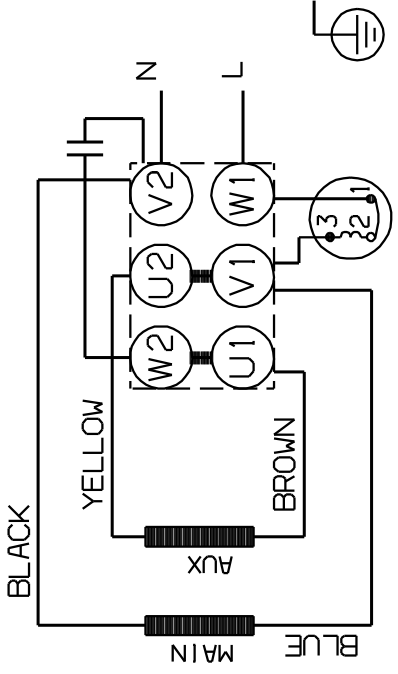
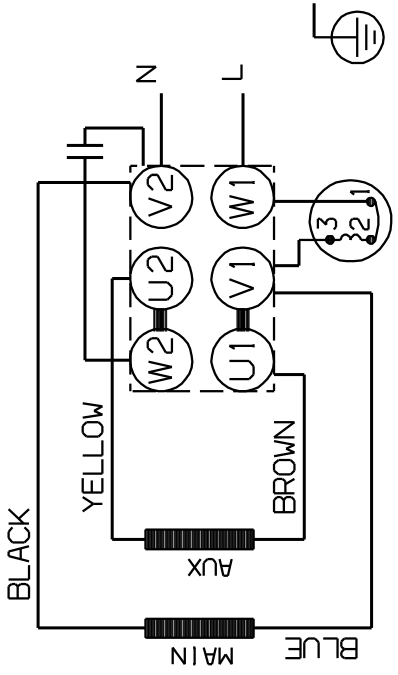
Description	Value
Minimum efficiency index, MEI %:	0.7
Net weight:	29.6 kg
Gross weight:	34.6 kg

96100770 CRT 4-7 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.

96100770 CRT 4-7 A-P-A-E-AUUE 50 Hz

DIRECTION OF ROTATION	
DIRECTION OF ROTATION	
	
	

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