
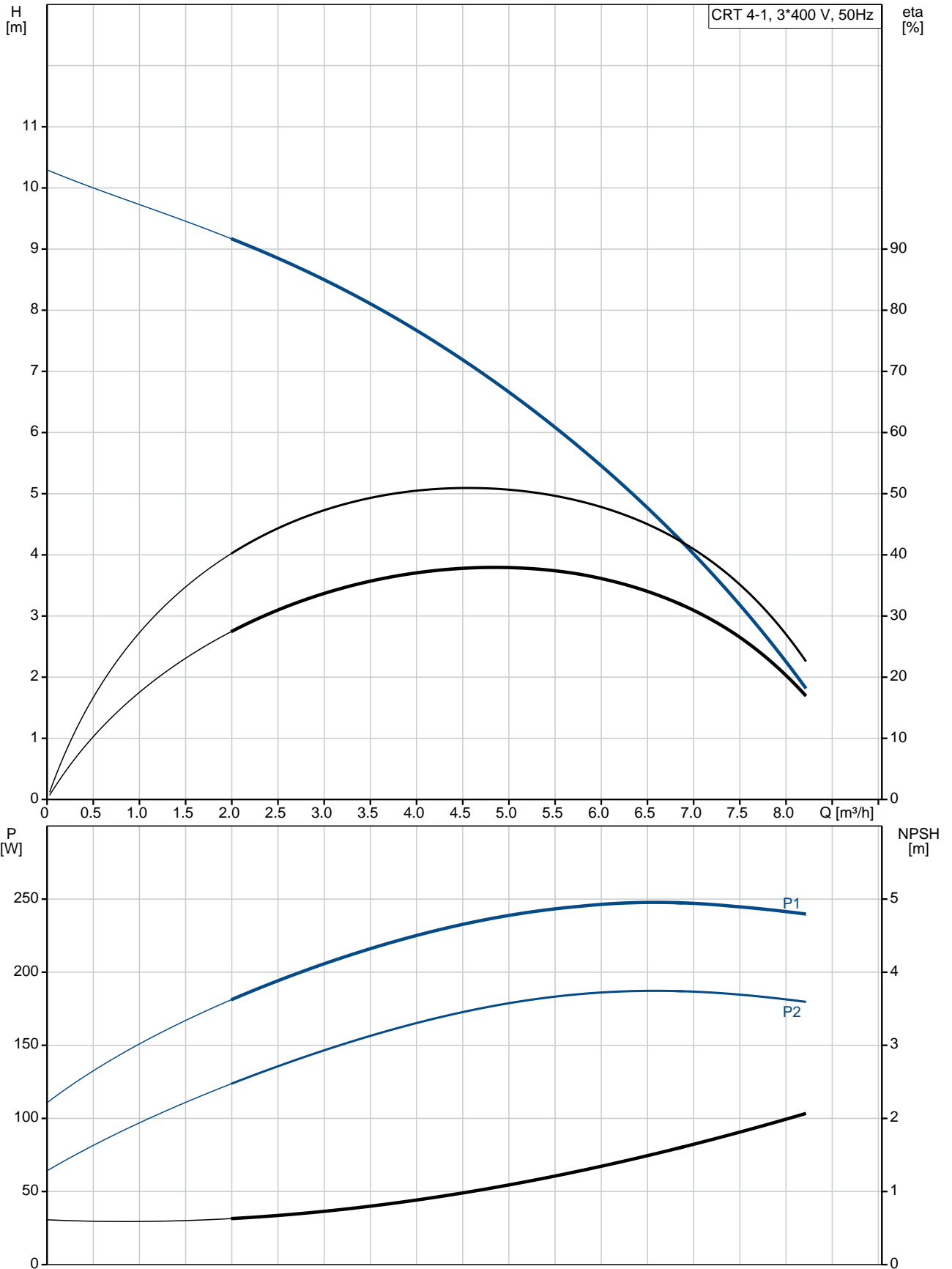


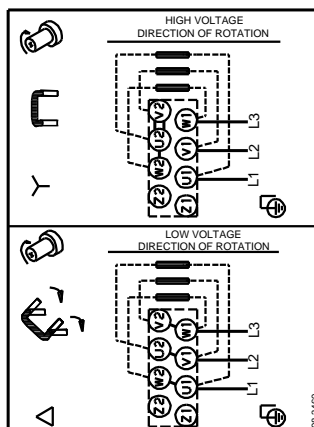
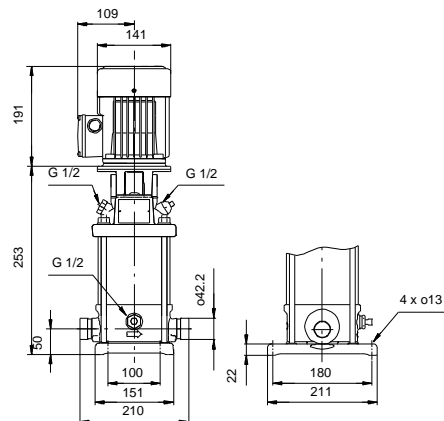
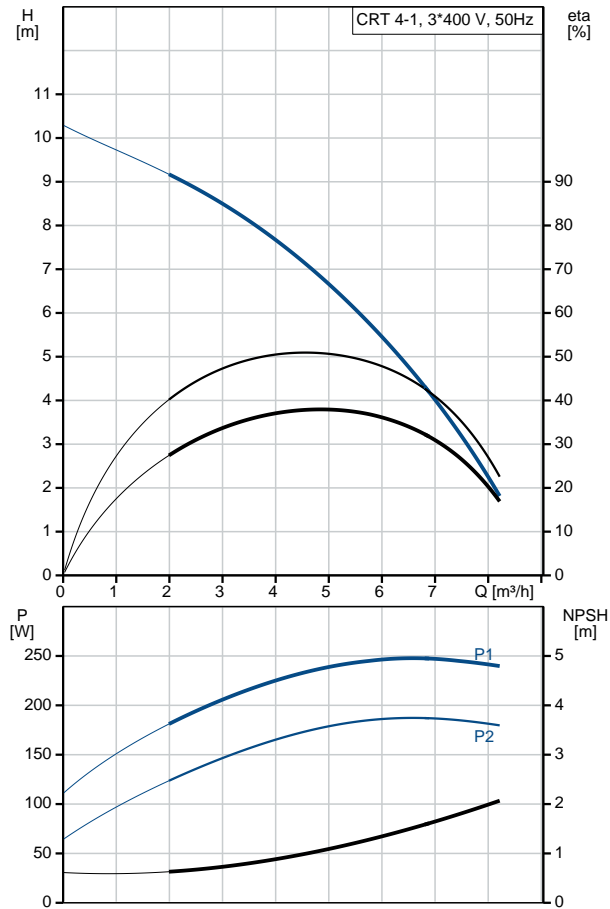
Qty.	Description
1	<p data-bbox="199 338 478 369">CRT 4-1 A-P-A-E-AUUE</p>  <p data-bbox="199 660 470 689">Product No.: 96100794</p> <p data-bbox="199 692 726 779">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="199 808 678 837">The pump has the following characteristics:</p> <ul data-bbox="236 840 758 869" style="list-style-type: none"> - Impellers, intermediate chambers and outer <p data-bbox="199 871 885 900">Impeller: sleeve are made of Titanium.</p> <p data-bbox="199 902 1133 931">Pump housing: - Pump head cover and base are made of Titanium.</p> <ul data-bbox="236 934 670 963" style="list-style-type: none"> - The shaft seal has assembly length <p data-bbox="199 965 462 994">according to EN 12756.</p> <ul data-bbox="236 996 710 1048" style="list-style-type: none"> - Power transmission is via cast iron split coupling. <p data-bbox="199 1050 925 1106">Flange standard: - Pipework connection is via PJE flanges/couplings.</p> <p data-bbox="199 1135 941 1164">Phase: The motor is a 3-phase AC motor.</p> <p data-bbox="199 1193 279 1223">Liquid:</p> <p data-bbox="199 1225 630 1254">Pumped liquid: Water</p> <p data-bbox="199 1256 710 1285">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1288 630 1317">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1319 702 1348">Density: 998.2 kg/m³</p> <p data-bbox="199 1377 319 1406">Technical:</p> <p data-bbox="199 1408 821 1438">Pump speed on which pump data are based: 2900 rpm</p> <p data-bbox="199 1440 638 1469">Rated flow: 6 m³/h</p> <p data-bbox="199 1471 630 1500">Rated head: 5.4 m</p> <p data-bbox="199 1503 638 1532">Primary shaft seal: AUUE</p> <p data-bbox="199 1534 638 1563">Approvals on nameplate: CE,TR</p> <p data-bbox="199 1565 766 1594">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1624 311 1653">Materials:</p> <p data-bbox="199 1655 710 1711">Pump housing: Titanium ASTM B 265</p> <p data-bbox="199 1713 710 1769">Impeller: Titanium ASTM B 265</p> <p data-bbox="199 1771 638 1800">Bush material: NONE</p> <p data-bbox="199 1830 327 1859">Installation:</p> <p data-bbox="199 1861 630 1890">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1892 734 1926">Max pressure at stated temp: 25 bar / 120 °C</p> <p data-bbox="566 1928 734 1957">25 bar / -20 °C</p> <p data-bbox="199 1960 614 1989">Flange standard: PJE</p> <p data-bbox="199 1991 662 2020">Pipe connection: 42,4 mm</p> <p data-bbox="199 2022 630 2051">Flange size for motor: FT85</p> <p data-bbox="199 2080 367 2110">Electrical data:</p>

Qty.	Description
	<p>Motor type: 71A</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.37 kW</p> <p>Power (P2) required by pump: 0.37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 1.74/1.00 A</p> <p>Starting current: 490-530 %</p> <p>Cos phi - power factor: 0.80-0.70</p> <p>Rated speed: 2850-2880 rpm</p> <p>Efficiency: IE3 73,8%</p> <p>Motor efficiency at full load: 73.8 %</p> <p>Motor efficiency at 3/4 load: 79.0 %</p> <p>Motor efficiency at 1/2 load: 75.5 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 85805102</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.7</p> <p>Net weight: 14.5 kg</p> <p>Gross weight: 19.5 kg</p>

96100794 CRT 4-1 A-P-A-E-AUUE 50 Hz



Description	Value
General information:	
Product name:	CRT 4-1 A-P-A-E-AUUE
Product No:	96100794
EAN number:	5700395849097
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	6 m³/h
Rated head:	5.4 m
Maximum head:	10 m
Head max:	10 m
Stages:	2
Impellers:	1
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:	FT85
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:	71A
IE Efficiency class:	IE3
Rated power - P2:	0.37 kW
Power (P2) required by pump:	0.37 kW
Power (P2) required by pump:	0.37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	1.74/1.00 A
Starting current:	490-530 %
Cos phi - power factor:	0.80-0.70
Rated speed:	2850-2880 rpm
Efficiency:	IE3 73,8%
Motor efficiency at full load:	73.8 %
Motor efficiency at 3/4 load:	79.0 %
Motor efficiency at 1/2 load:	75.5 %
Number of poles:	2





Company name:

Created by:

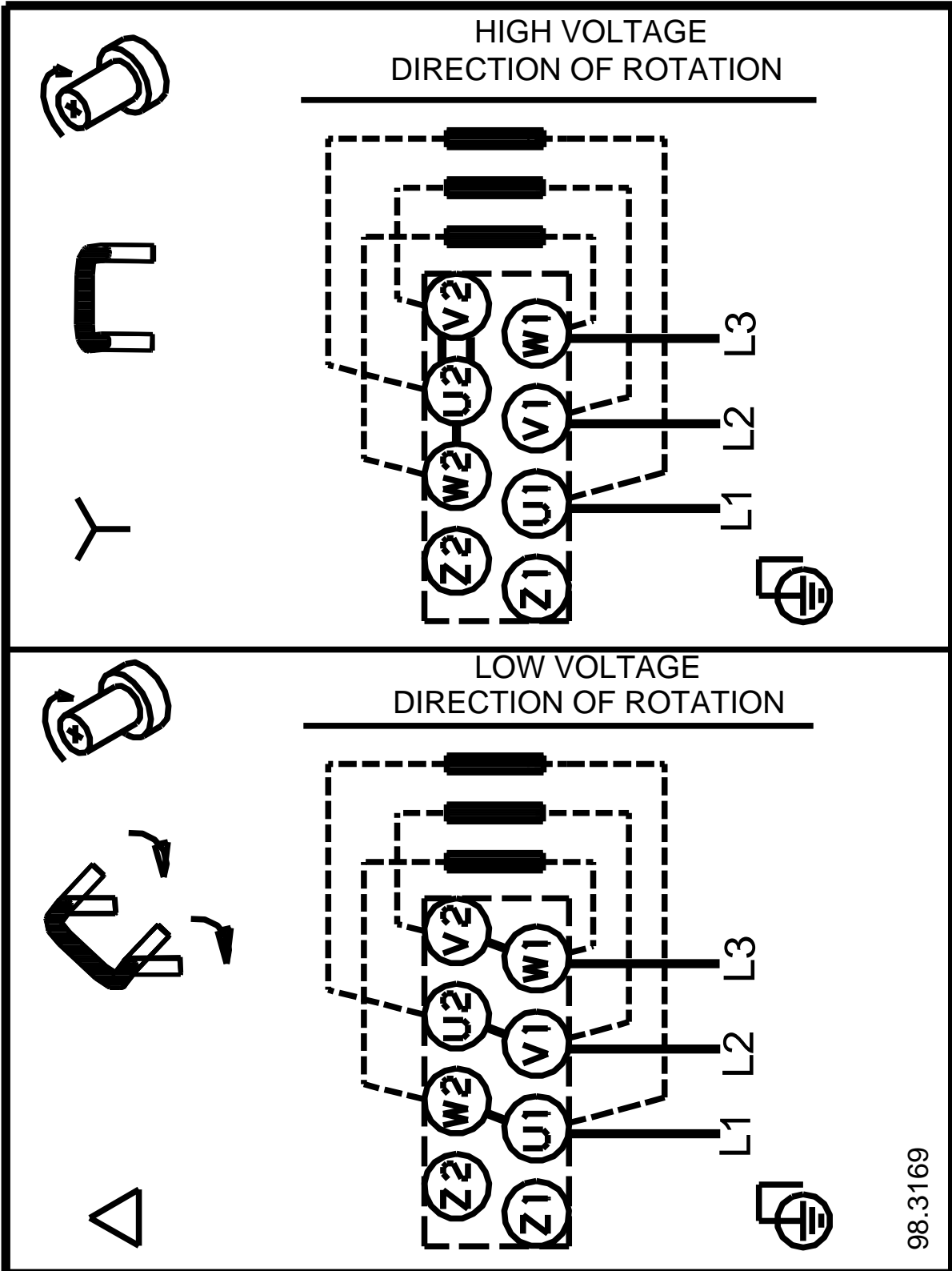
Phone:

Date:

19/01/2021

Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85805102
Others:	
Minimum efficiency index, MEI %:	0.7
Net weight:	14.5 kg
Gross weight:	19.5 kg

96100794 CRT 4-1 A-P-A-E-AUUE 50 Hz



98.3169

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