GRUNDFOS

Company name:
Created by:
Phone:

Date: 19/01/2021

Qty.	Description
1	**CRT 2-9 A-P-A-E-AUUE**

Product No.: 96100307
Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:
- Impellers, intermediate chambers and outer

Impeller: sleeve are made of Titanium.
Pump housing: - Pump head cover and base are made of Titanium.
- The shaft seal has assembly length according to EN 12756.
- Power transmission is via cast iron split coupling.

Flange standard: - Pipework connection is via PJE flanges/couplings.

Phase: The motor is a 3-phase AC motor.

Liquid:
Pumped liquid: Water
Liquid temperature range: -20 .. 120 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:
Pump speed on which pump data are based: 2900 rpm
Rated flow: 2.5 m³/h
Rated head: 54.5 m
Primary shaft seal: AUUE
Approvals on nameplate: CE,TR
Curve tolerance: ISO9906:2012 3B

Materials:
Pump housing: Titanium
ASTM B 265
Impeller: Titanium
ASTM B 265
Bush material: NONE

Installation:
Maximum ambient temperature: 60 °C
Max pressure at stated temp: 25 bar / 120 °C
25 bar / -20 °C
Flange standard: PJE
Pipe connection: 42,4 mm
Flange size for motor: FT100

Electrical data:

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Qty.	Description	
	Motor type:	80C
	IE Efficiency class:	IE3
	Rated power - P2:	1.1 kW
	Power (P2) required by pump:	1.1 kW
		1.1 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 220-240D/380-415Y V
	Rated current:	4.35/2.50 A
	Starting current:	450-500 %
	Cos phi - power factor:	0.83-0.76
	Rated speed:	2840-2870 rpm
	Efficiency:	IE3 82,7%
	Motor efficiency at full load:	82.7 %
	Motor efficiency at 3/4 load:	84.6 %
	Motor efficiency at 1/2 load:	85.4 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U05105
	Others:	
	Minimum efficiency index, MEI â‰¥:	0.7
	Net weight:	20.4 kg
	Gross weight:	25.4 kg

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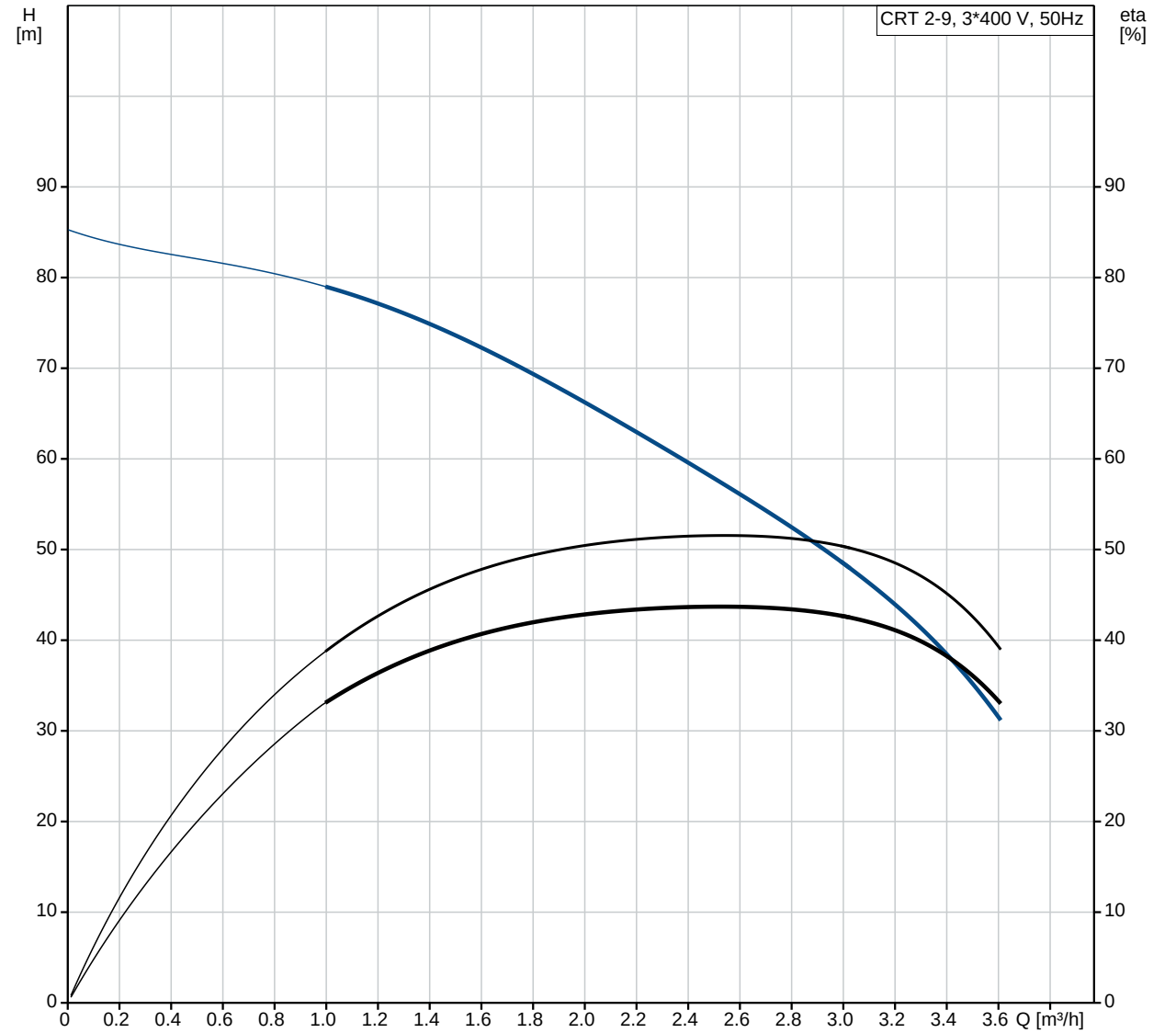
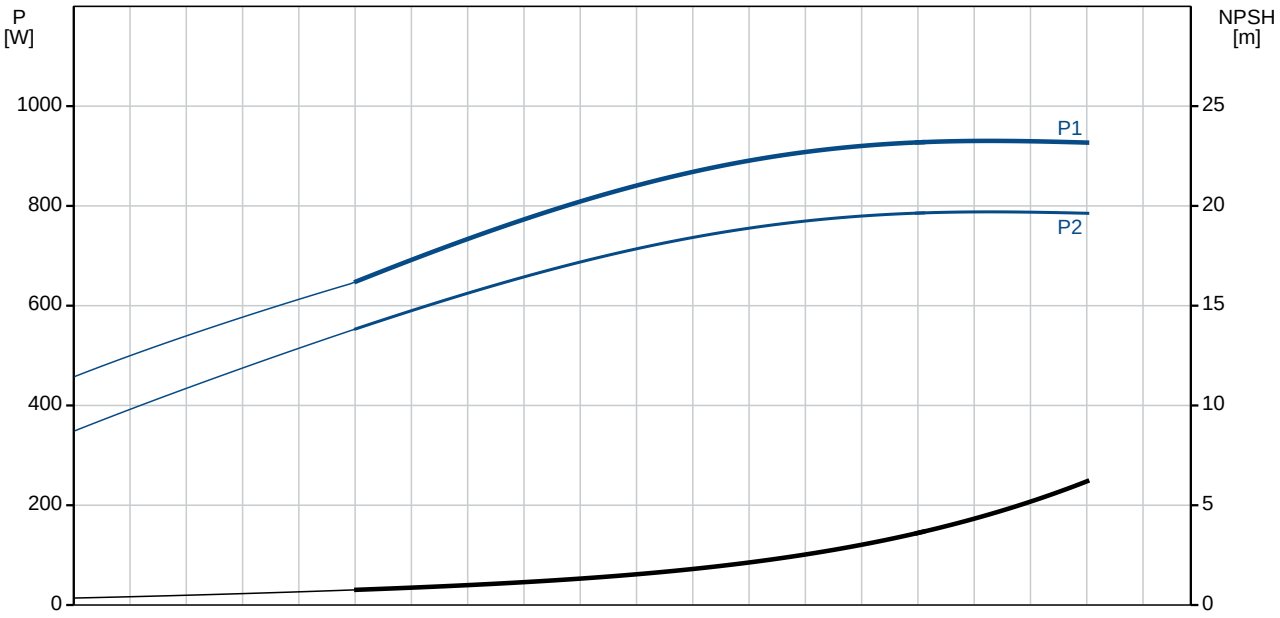
96100307 CRT 2-9 A-P-A-E-AUUE 50 Hz





Company name:
Created by:
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Date: 19/01/2021

Description	Value
General information:	
Product name:	CRT 2-9 A-P-A-E-AUUE
Product No:	96100307
EAN number:	5700395842654
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	2.5 m³/h
Rated head:	54.5 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:	60 °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:	FT100
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:	80C
IE Efficiency class:	IE3
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:	3 x 220-240D/380-415Y V
Rated current:	4.35/2.50 A
Starting current:	450-500 %
Cos phi - power factor:	0.83-0.76
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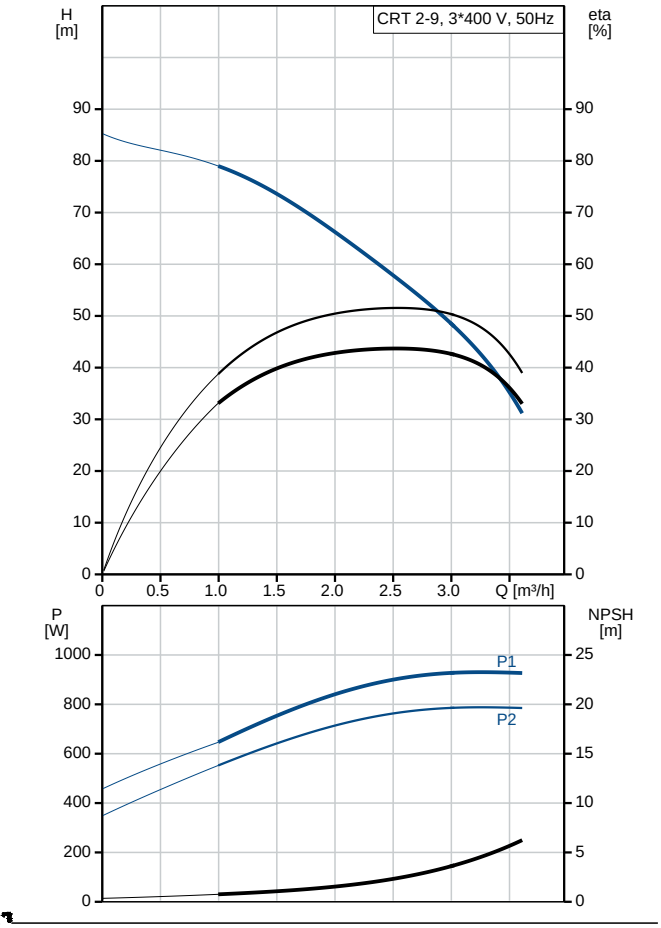

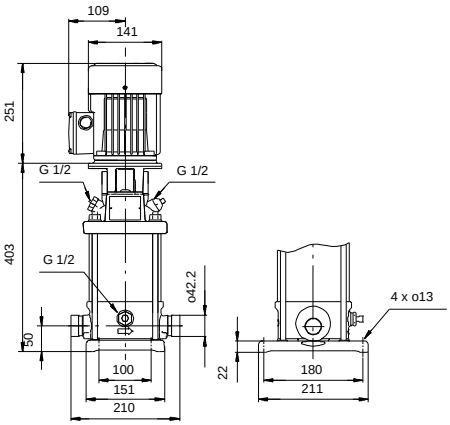

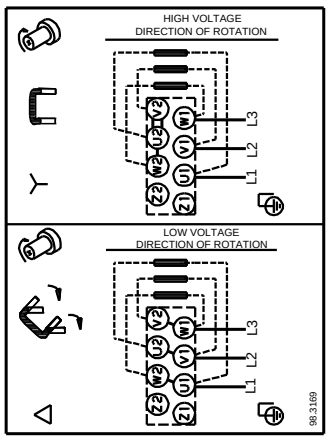

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Created by:
Phone:

Date: 19/01/2021

Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05105
Others:	
Minimum efficiency index, MEI â‰¥:	0.7
Net weight:	20.4 kg
Gross weight:	25.4 kg

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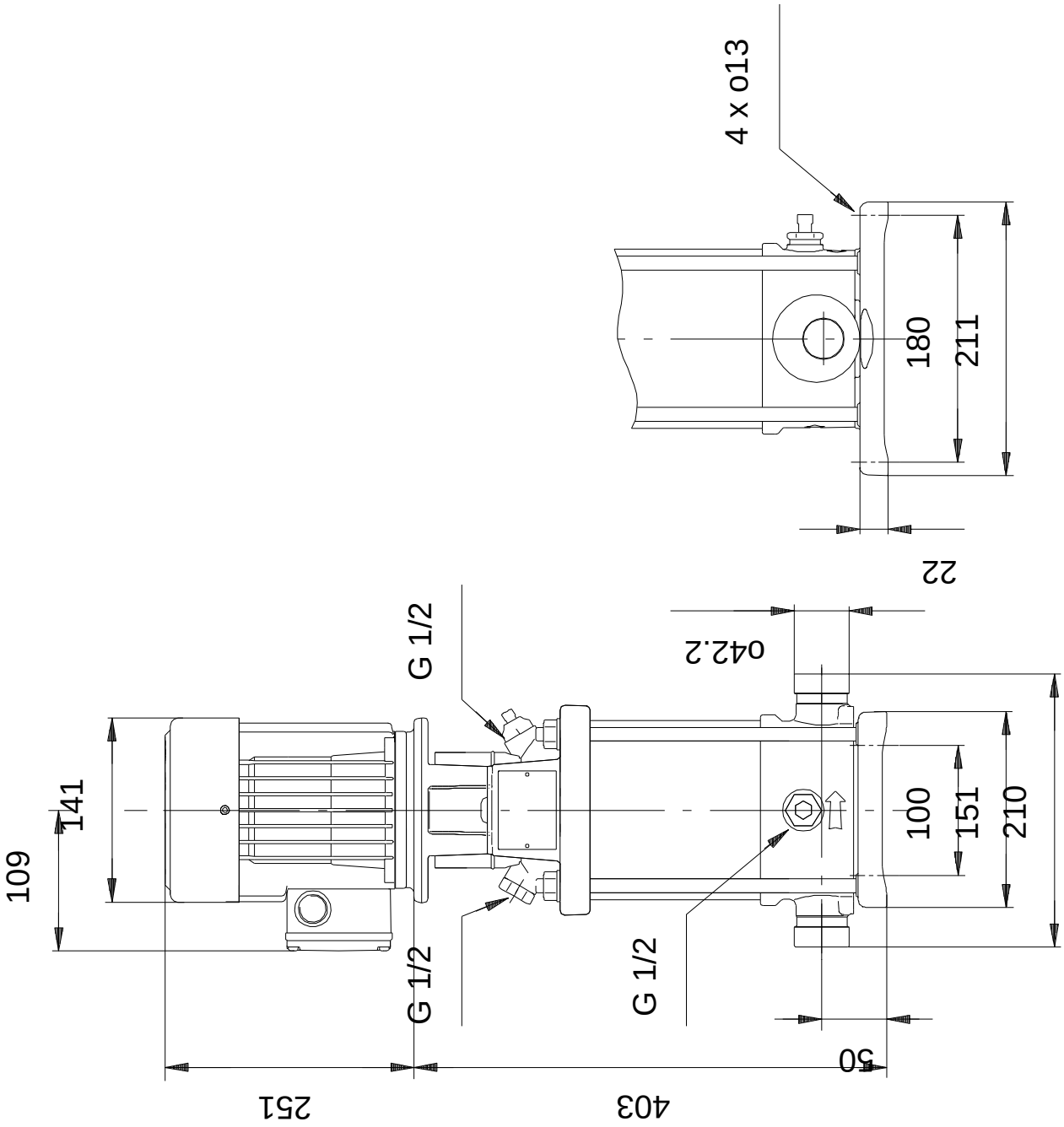
96100307 CRT 2-9 A-P-A-E-AUUE 50 Hz



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

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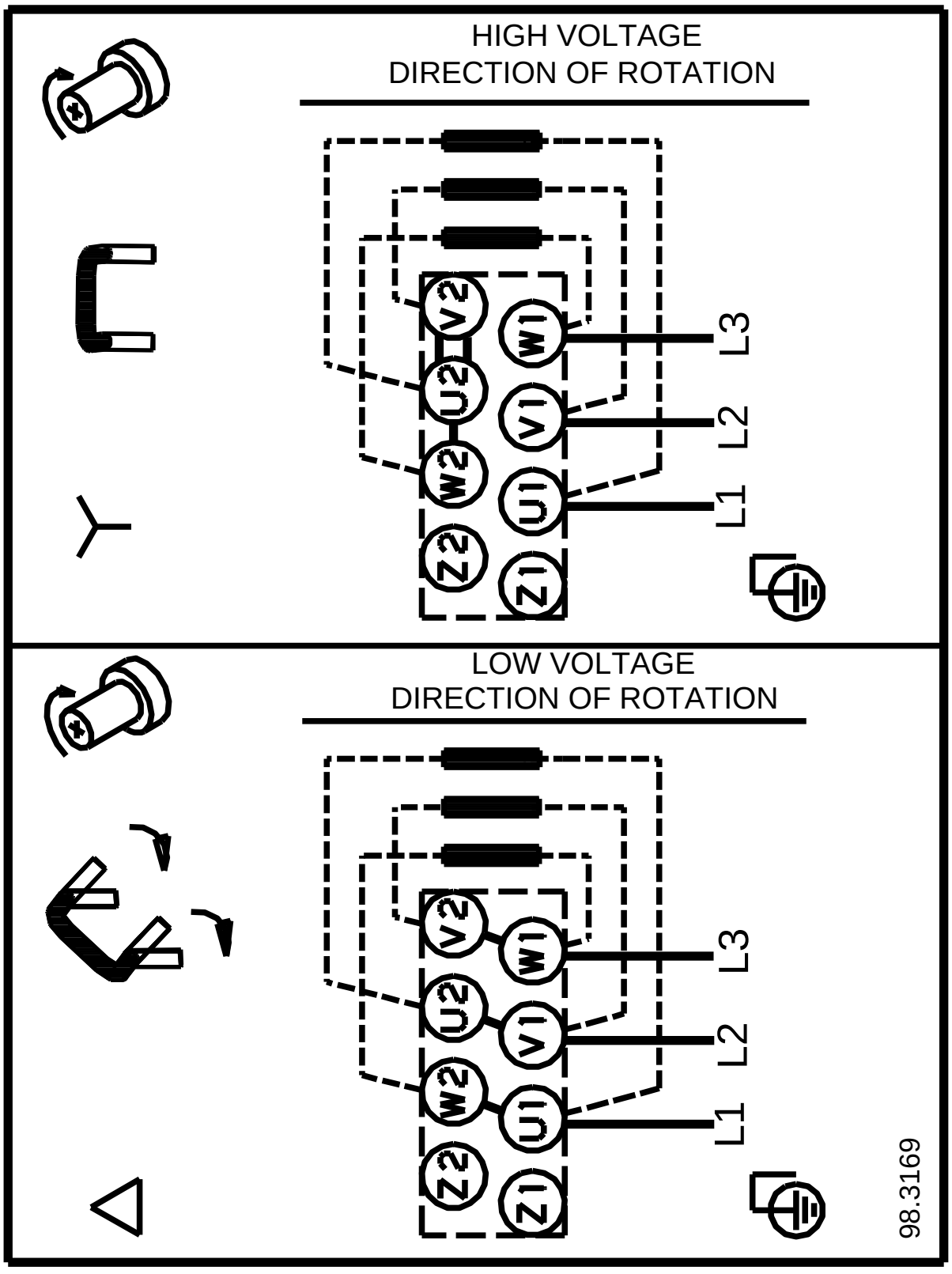
Phone:

Date: 19/01/2021

96100307 CRT 2-9 A-P-A-E-AUUE 50 Hz



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