
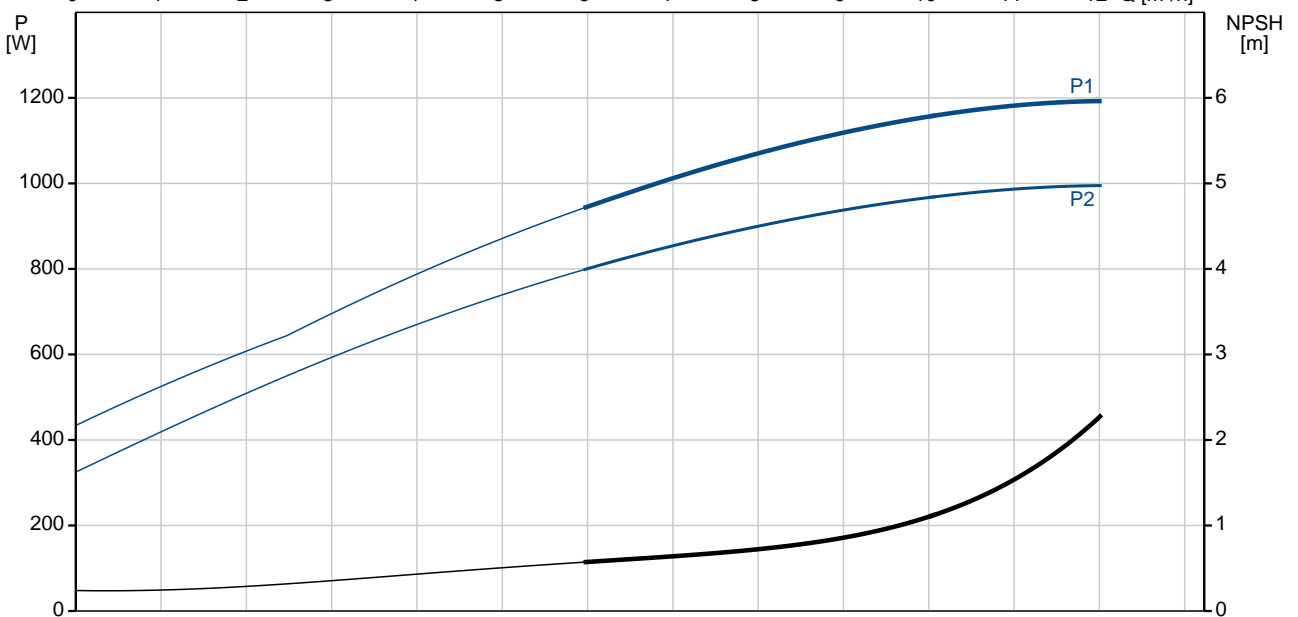
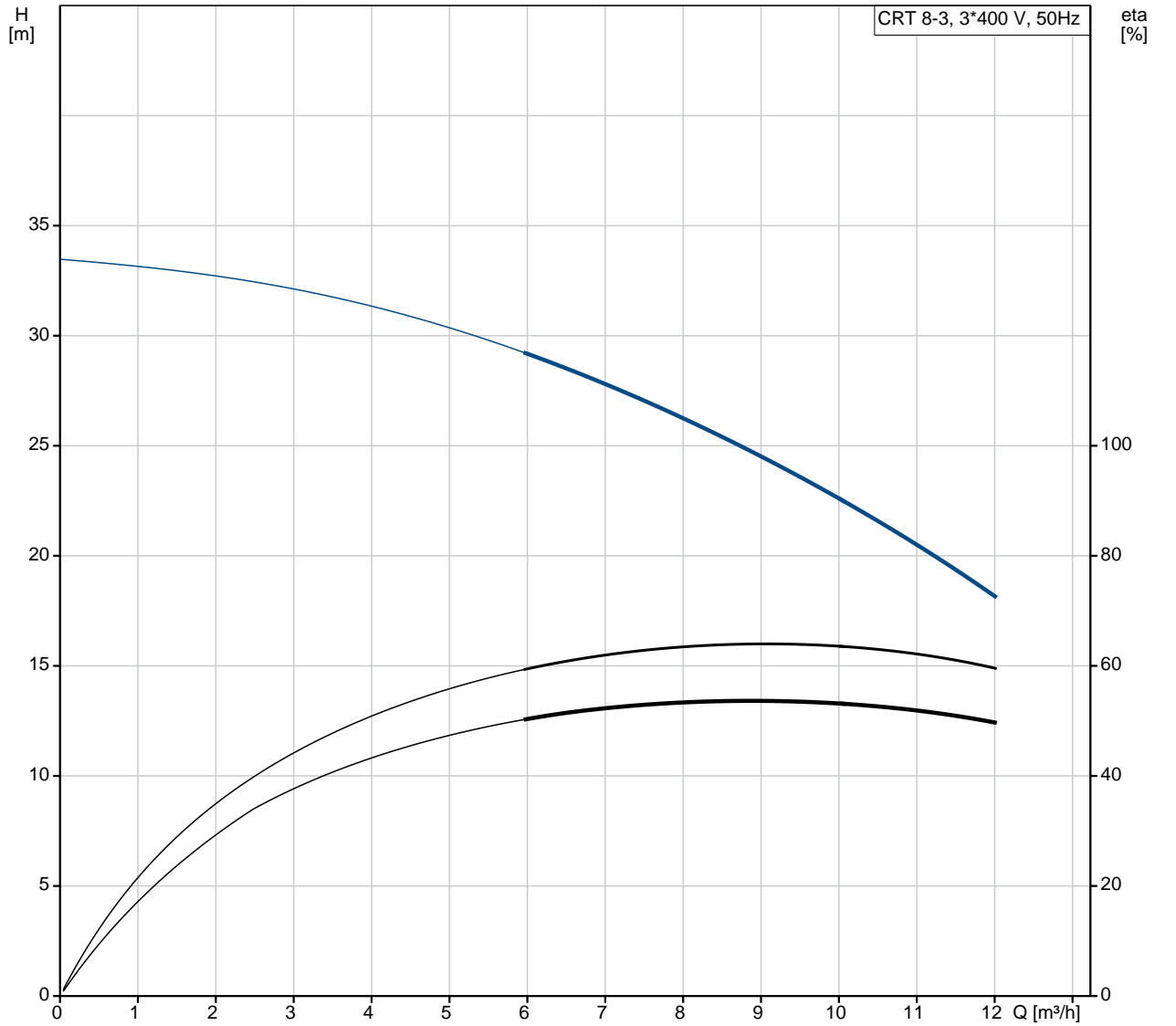


Qty.	Description
1	<p data-bbox="199 340 478 362">CRT 8-3 A-P-A-E-AUUE</p> <div data-bbox="343 380 438 638" style="text-align: center;">  </div> <p data-bbox="199 660 470 683">Product No.: 96108241</p> <p data-bbox="199 689 726 772">Vertical, non-self-priming, multistage, in-line, centrifugal pump for 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 style="list-style-type: none"> <li data-bbox="231 840 758 862">- 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 style="list-style-type: none"> <li data-bbox="231 927 670 949">- The shaft seal has assembly length <p data-bbox="199 956 462 978">according to EN 12756.</p> <ul style="list-style-type: none"> <li data-bbox="231 985 710 1041">- Power transmission is via cast iron split coupling. <p data-bbox="199 1048 925 1104">Flange standard: - Pipework connection is via PJE flanges/couplings.</p> <p data-bbox="199 1137 941 1160">Phase: The motor is a 3-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/m³</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 662 1447">Rated flow: 9.5 m³/h</p> <p data-bbox="199 1453 646 1476">Rated head: 23.5 m</p> <p data-bbox="199 1482 638 1505">Primary shaft seal: AUUE</p> <p data-bbox="199 1512 646 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 1682">Pump housing: Titanium ASTM B 265</p> <p data-bbox="199 1688 710 1744">Impeller: Titanium ASTM B 265</p> <p data-bbox="199 1751 638 1774">Bush material: NONE</p> <p data-bbox="199 1807 327 1830">Installation:</p> <p data-bbox="199 1836 630 1859">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1865 734 1921">Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C</p> <p data-bbox="199 1928 614 1951">Flange standard: PJE</p> <p data-bbox="199 1957 662 1980">Pipe connection: 60,3 mm</p> <p data-bbox="199 1986 638 2009">Flange size for motor: FT100</p> <p data-bbox="199 2042 367 2065">Electrical data:</p>

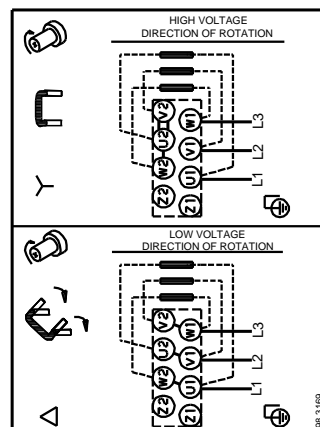
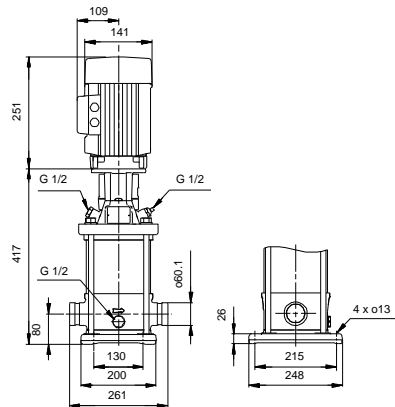
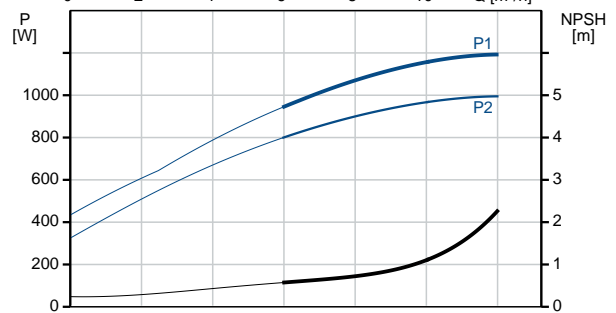
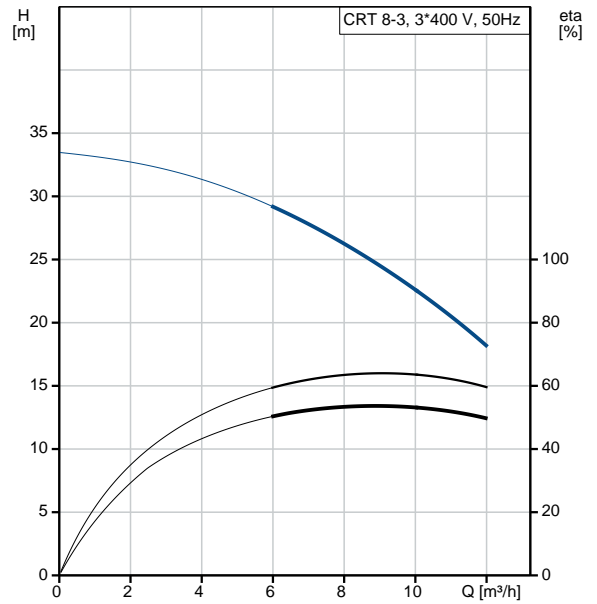
Qty. Description

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 $\hat{\alpha}\%$:	0.7
Net weight:	28.1 kg
Gross weight:	38.1 kg

96108241 CRT 8-3 A-P-A-E-AUUE 50 Hz



Description	Value
General information:	
Product name:	CRT 8-3 A-P-A-E-AUUE
Product No:	96108241
EAN number:	5700396401201
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	9.5 m ³ /h
Rated head:	23.5 m
Maximum head:	32.6 m
Head max:	32.6 m
Stages:	4
Impellers:	3
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:	60,3 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/m ³
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 %
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Efficiency:	IE3 82,7%
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Motor efficiency at 1/2 load:	85.4 %
Number of poles:	2





Company name:

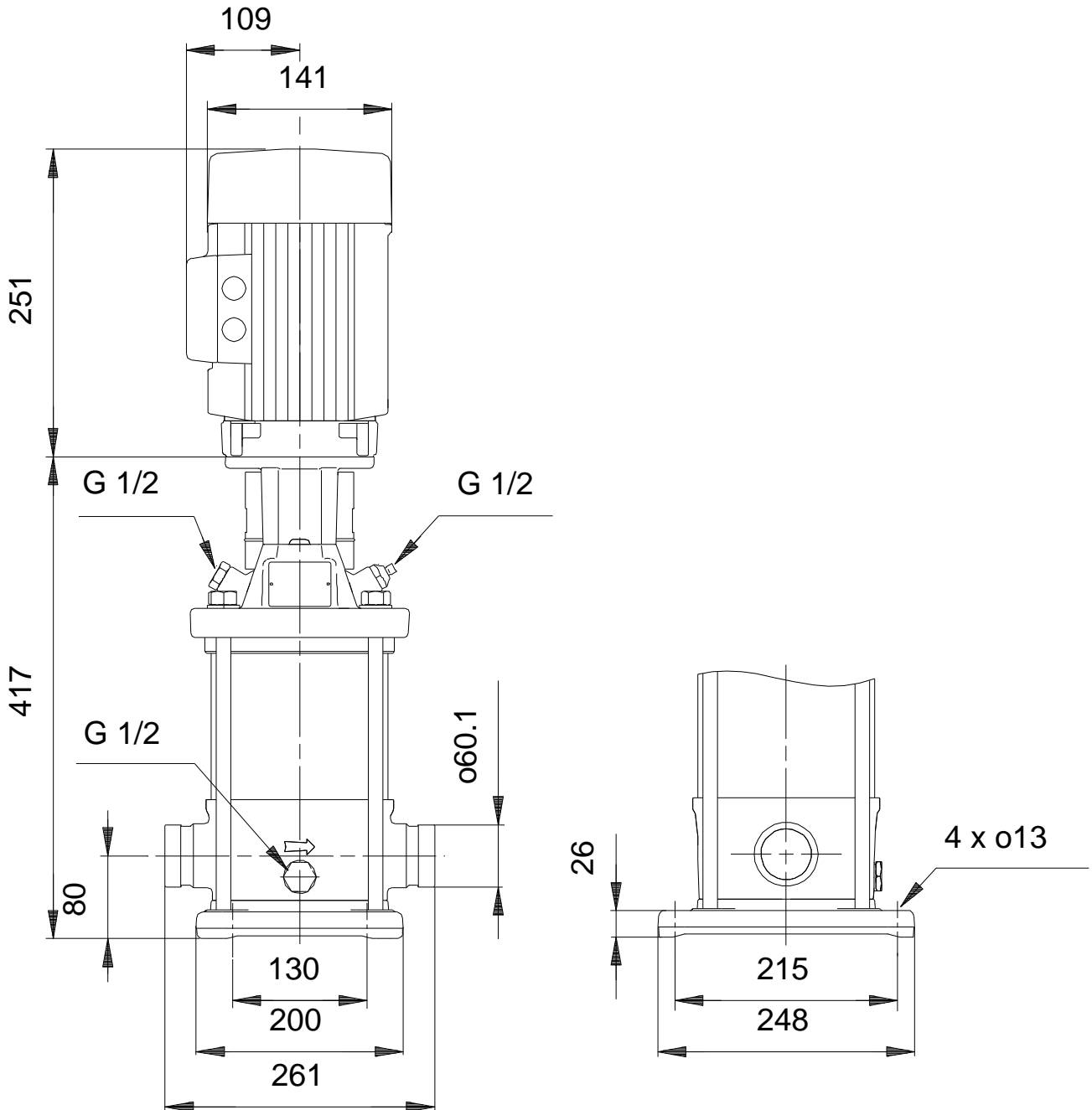
Created by:

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:	85U05105
Others:	
Minimum efficiency index, MEI %:	0.7
Net weight:	28.1 kg
Gross weight:	38.1 kg

96108241 CRT 8-3 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.

96108241 CRT 8-3 A-P-A-E-AUUE 50 Hz



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