
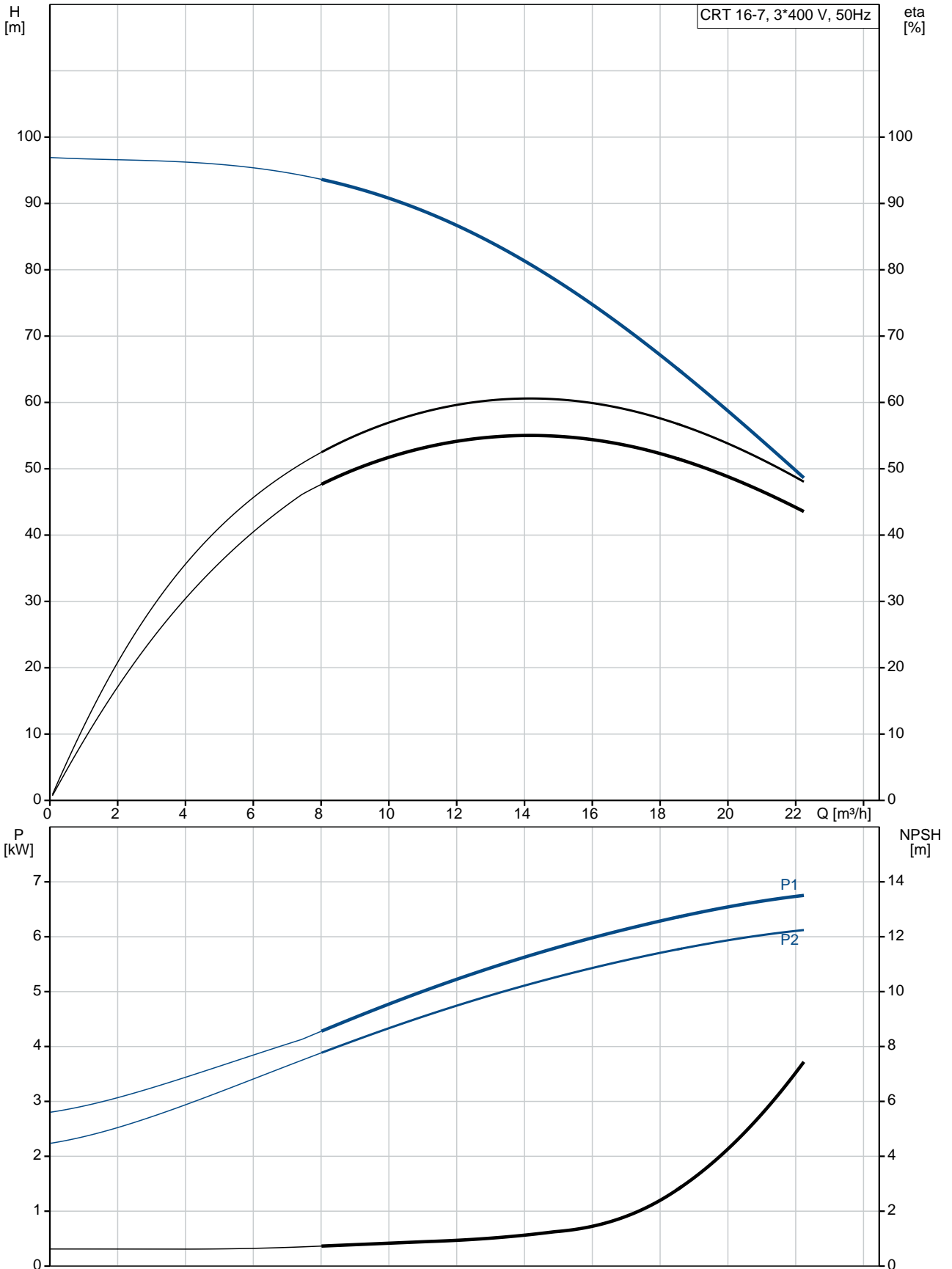


Qty.	Description
1	<p data-bbox="199 336 491 365"><b>CRT 16-7 A-P-A-E-AUUE</b></p>  <p data-bbox="199 660 469 689">Product No.: <a href="#">96117249</a></p> <p data-bbox="199 689 724 779">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="199 808 679 837">The pump has the following characteristics:</p> <ul data-bbox="236 837 759 866" style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer</li> </ul> <p data-bbox="199 866 887 896">Impeller: sleeve are made of Titanium.</p> <p data-bbox="199 896 1133 925">Pump housing: - Pump head cover and base are made of Titanium.</p> <ul data-bbox="236 925 668 954" style="list-style-type: none"> <li>- The shaft seal has assembly length</li> </ul> <p data-bbox="199 954 462 983">according to EN 12756.</p> <ul data-bbox="236 983 713 1046" style="list-style-type: none"> <li>- Power transmission is via cast iron split coupling.</li> </ul> <p data-bbox="199 1046 927 1108">Flange standard: - Pipework connection is via PJE flanges/couplings.</p> <p data-bbox="199 1137 940 1167">Phase: The motor is a 3-phase AC motor.</p> <p data-bbox="199 1196 277 1225">Liquid:</p> <p data-bbox="199 1225 635 1254">Pumped liquid: Water</p> <p data-bbox="199 1254 707 1283">Liquid temperature range: -20 .. 120 °C</p> <p data-bbox="199 1283 632 1312">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1312 700 1341">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1370 319 1400">Technical:</p> <p data-bbox="199 1400 821 1429">Pump speed on which pump data are based: 2900 rpm</p> <p data-bbox="199 1429 652 1458">Rated flow: 16 m<sup>3</sup>/h</p> <p data-bbox="199 1458 644 1487">Rated head: 75.2 m</p> <p data-bbox="199 1487 636 1516">Primary shaft seal: AUUE</p> <p data-bbox="199 1516 641 1545">Approvals on nameplate: CE,TR</p> <p data-bbox="199 1545 764 1574">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1603 312 1632">Materials:</p> <p data-bbox="199 1632 708 1695">Pump housing: Titanium ASTM B 265</p> <p data-bbox="199 1695 708 1758">Impeller: Titanium ASTM B 265</p> <p data-bbox="199 1758 639 1787">Bush material: NONE</p> <p data-bbox="199 1816 330 1845">Installation:</p> <p data-bbox="199 1845 632 1874">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1874 734 1937">Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C</p> <p data-bbox="199 1937 614 1966">Flange standard: PJE</p> <p data-bbox="199 1966 665 1995">Pipe connection: 60,3 mm</p> <p data-bbox="199 1995 639 2024">Flange size for motor: FF265</p> <p data-bbox="199 2054 367 2083">Electrical data:</p>

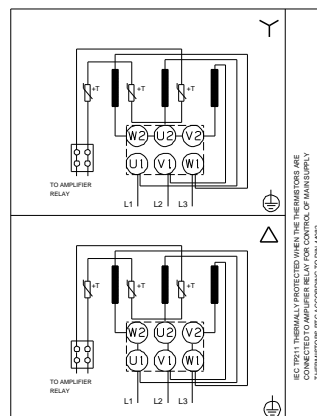
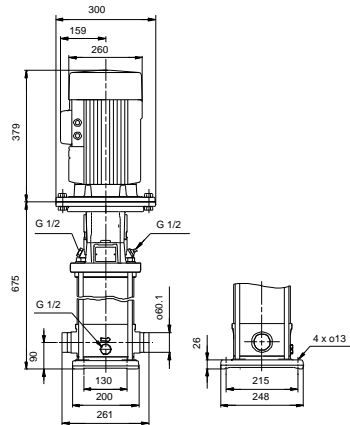
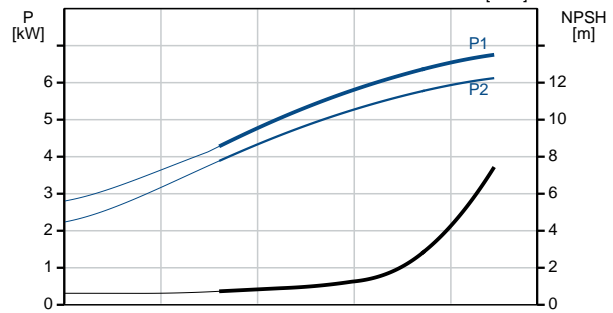
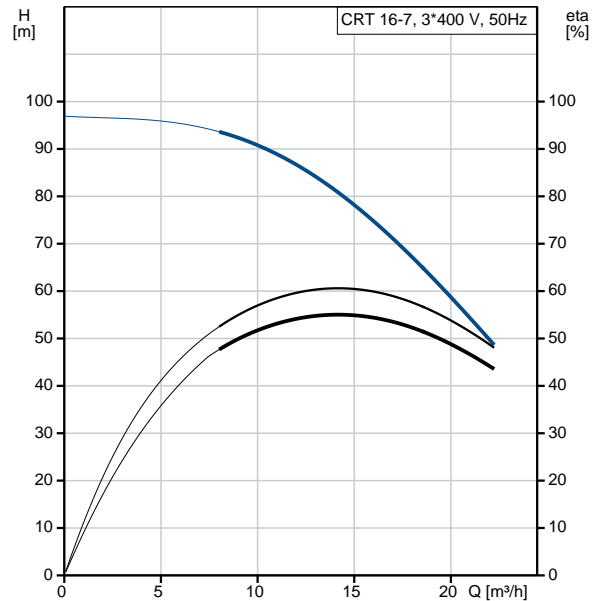
Qty.	Description
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Motor type:	132SB
IE Efficiency class:	IE3
Rated power - P2:	7.5 kW
Power (P2) required by pump:	7.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	14,4-14,0/8,30-8,10 A
Starting current:	780-910 %
Cos phi - power factor:	0.88-0.82
Rated speed:	2910-2920 rpm
Efficiency:	IE3 90,1%
Motor efficiency at full load:	90.1-90.4 %
Motor efficiency at 3/4 load:	90.8 %
Motor efficiency at 1/2 load:	90.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor No:	85U17522
Others:	
Minimum efficiency index, MEI $\hat{\alpha}\%$ :	0.69
Net weight:	93 kg
Gross weight:	103 kg

## 96117249 CRT 16-7 A-P-A-E-AUUE 50 Hz



Description	Value
<b>General information:</b>	
Product name:	CRT 16-7 A-P-A-E-AUUE
Product No:	96117249
EAN number:	5700396596129
Price:	
<b>Technical:</b>	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	16 m³/h
Rated head:	75.2 m
Maximum head:	101.3 m
Head max:	101.3 m
Stages:	7
Impellers:	7
Primary shaft seal:	AUUE
Approvals on nameplate:	CE, TR
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Pump housing:	Titanium
Pump housing:	ASTM B 265
Impeller:	Titanium
Impeller:	ASTM B 265
Material code:	A
Code for rubber:	E
Bush material:	NONE
<b>Installation:</b>	
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:	FF265
Connect code:	P
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor type:	132SB
IE Efficiency class:	IE3
Rated power - P2:	7.5 kW
Power (P2) required by pump:	7.5 kW
Power (P2) required by pump:	7.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	14,4-14,0/8,30-8,10 A
Starting current:	780-910 %
Cos phi - power factor:	0.88-0.82
Rated speed:	2910-2920 rpm
Efficiency:	IE3 90,1%
Motor efficiency at full load:	90.1-90.4 %
Motor efficiency at 3/4 load:	90.8 %
Motor efficiency at 1/2 load:	90.8 %
Number of poles:	2





Company name:

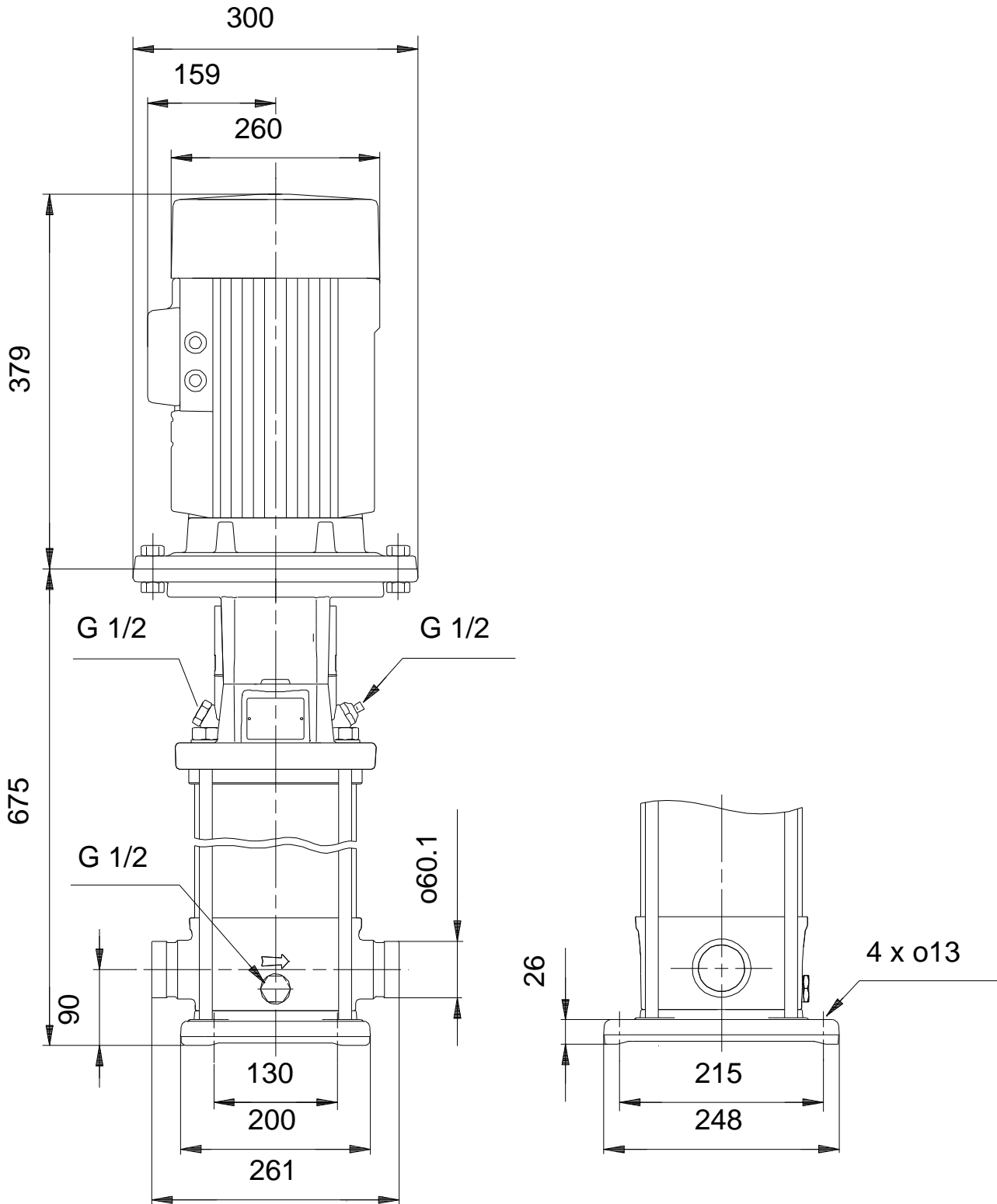
Created by:

Phone:

Date: 19/01/2021

Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17522
<b>Others:</b>	
Minimum efficiency index, MEI %:	0.69
Net weight:	93 kg
Gross weight:	103 kg

**96117249 CRT 16-7 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.

## 96117249 CRT 16-7 A-P-A-E-AUUE 50 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE  
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY  
THERMISTORS PTC ACCORDING TO DIN 44082

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