
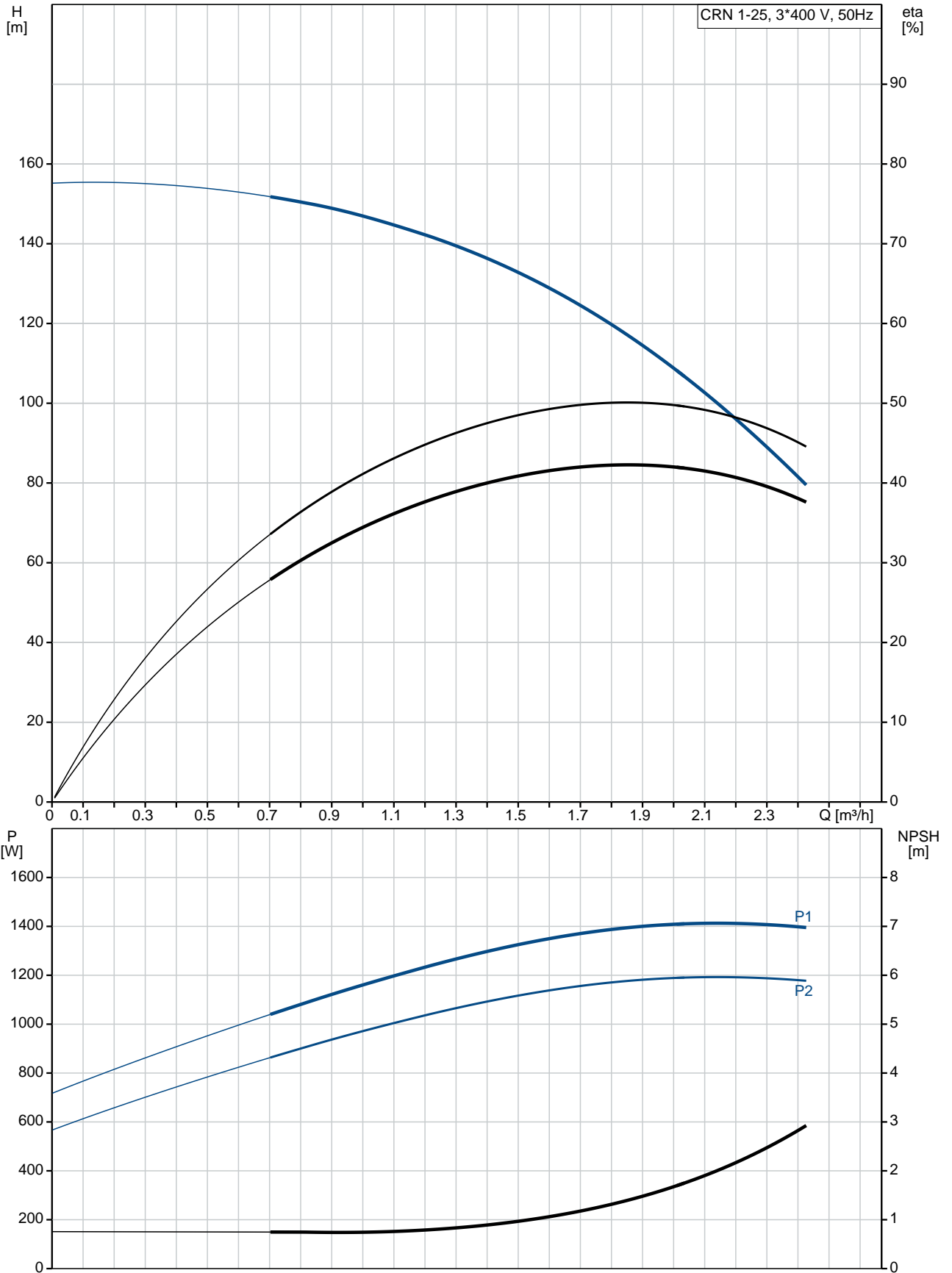


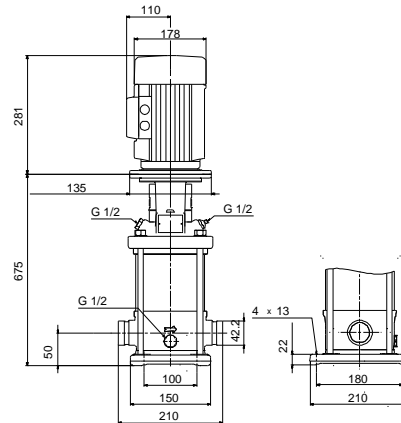
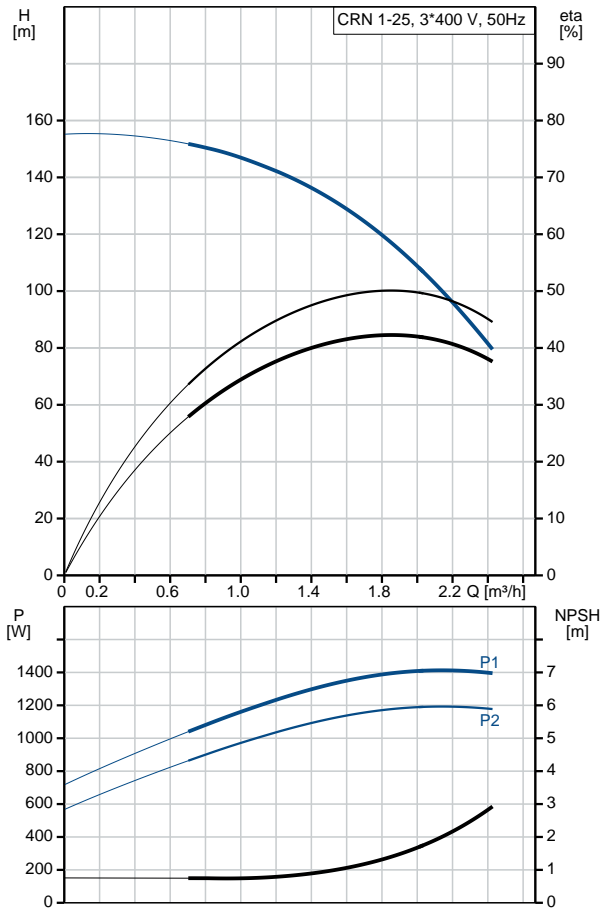
Qty.	Description
1	<p data-bbox="197 338 496 369"><b>CRN 1-25 A-P-A-E-HQQE</b></p>  <p data-bbox="197 660 469 692">Product No.: <a href="#">96516503</a></p> <p data-bbox="197 719 1453 824">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings.</p> <p data-bbox="197 862 935 893">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="197 922 312 954"><b>Controls:</b></p> <p data-bbox="197 954 638 985">Frequency converter: NONE</p> <p data-bbox="197 1014 288 1046"><b>Liquid:</b></p> <p data-bbox="197 1046 707 1160">Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="197 1189 325 1220"><b>Technical:</b></p> <p data-bbox="197 1220 820 1458">Pump speed on which pump data are based: 2896 rpm Rated flow: 1.8 m<sup>3</sup>/h Rated head: 119.6 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CE, EAC, ACS Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="197 1487 320 1518"><b>Materials:</b></p> <p data-bbox="197 1518 727 1724">Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC</p> <p data-bbox="197 1753 344 1785"><b>Installation:</b></p> <p data-bbox="197 1785 742 2107">Maximum ambient temperature: 60 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C Type of connection: PJE Size of inlet connection: DN 32 1 1/4 inch Size of outlet connection: DN 32 1 1/4 inch Pressure rating for pipe connection: PN 50 Flange size for motor: FT115</p>

Qty.	Description
	<p><b>Electrical data:</b></p> <p>Motor standard: IEC Motor type: 90SB IE Efficiency class: IE3 Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 5.45/3.15 A Starting current: 850-930 % Cos phi - power factor: 0.87-0.82 Rated speed: 2890-2910 rpm Efficiency: IE3 84,2% Motor efficiency at full load: 84.2 % Motor efficiency at 3/4 load: 84.5 % Motor efficiency at 1/2 load: 83.1 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI <math>\hat{\alpha}\%</math>: 0.70 Net weight: 38 kg Gross weight: 40.9 kg Shipping volume: 0.13 m<sup>3</sup> Danish VVS No.: 385910025 Country of origin: GB Custom tariff no.: 84137075</p>

## 96516503 CRN 1-25 A-P-A-E-HQQE 50 Hz



Description	Value
<b>General information:</b>	
Product name:	CRN 1-25 A-P-A-E-HQQE
Product No:	96516503
EAN number:	5700396744452
Price:	1.589,00 GBP
<b>Technical:</b>	
Pump speed on which pump data are based:	2896 rpm
Rated flow:	1.8 m <sup>3</sup> /h
Rated head:	119.6 m
Head max:	155.9 m
Stages:	25
Impellers:	25
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC, ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4401 AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C
Type of connection:	PJE
Size of inlet connection:	DN 32 1 1/4 inch
Size of outlet connection:	DN 32 1 1/4 inch
Pressure rating for pipe connection:	PN 50
Flange size for motor:	FT115
Connect code:	P
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	90SB
IE Efficiency class:	IE3
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz





Company name:

Created by:

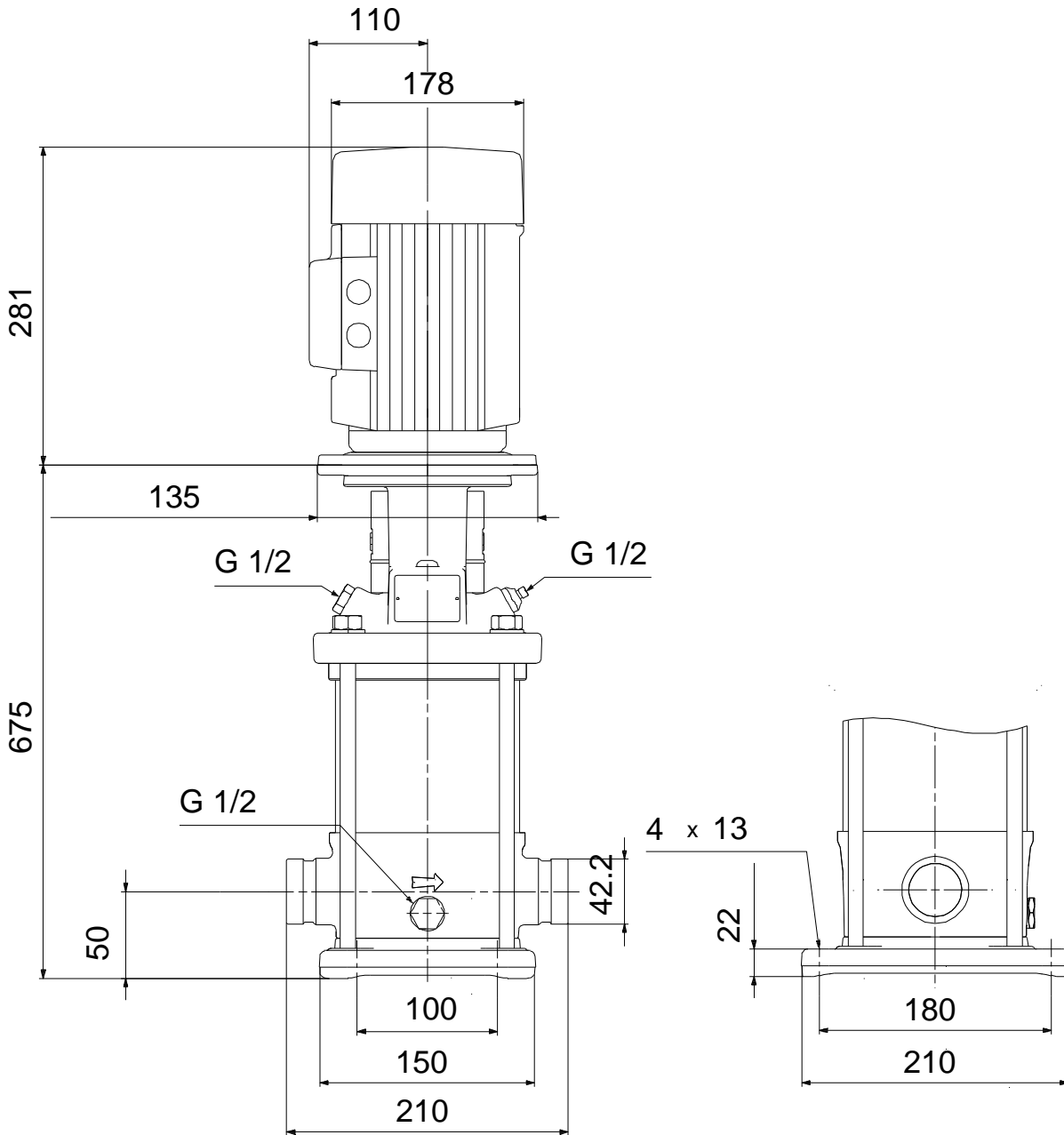
Phone:

Date:

07/03/2019

Description	Value
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	5.45/3.15 A
Starting current:	850-930 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2890-2910 rpm
Efficiency:	IE3 84,2%
Motor efficiency at full load:	84.2 %
Motor efficiency at 3/4 load:	84.5 %
Motor efficiency at 1/2 load:	83.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05906
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI %:	0.70
Net weight:	38 kg
Gross weight:	40.9 kg
Shipping volume:	0.13 m <sup>3</sup>
Danish VVS No.:	385910025
Country of origin:	GB
Custom tariff no.:	84137075

## 96516503 CRN 1-25 A-P-A-E-HQQE 50 Hz



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