

Qty.	Description
1	CRN 3-13 A-P-A-E-HQQE  Note! Product picture may differ from actual product Product No.: 96516905 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 sleeve are made of Stainless steel, EN 1.4401. - Pump head cover and base are made of Stainless steel, EN 1.4408. - The shaft seal has assembly length according to EN 12756. - Power transmission is via cast iron split coupling. - Pipework connection is via PJE flanges/couplings. The motor is a 3-phase AC motor. Controls: Terminal box position: 6 Frequency converter: None 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: 2853 rpm Rated flow: 3 m³/h Rated head: 61.3 m Pump orientation: Vertical Shaft seal arrangement: Single Primary shaft seal: HQQE Code for shaft seal: HQQE Approvals: CE,EAC,UKCA,SEPRO,RCM, Approvals for drinking water: WRAS,ACS

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1	Curve tolerance: ISO9906:2012 3B Materials: Type key, code for rubber components. E = EPDM, V=FKM: E Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Type key, code for materials: A Bearing: SIC Installation: 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 connection: PN 50 Flange size for motor: FT100 Terminal box position: 6 Electrical data: Motor standard: IEC Motor type: 80C Rated power - P2: 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 Rated speed: 2840-2870 rpm IE Efficiency class: IE3 Motor efficiency at full load: 82.7 % Motor efficiency at 3/4 load: 84.6-84.0 % Motor efficiency at 1/2 load: 85.4-82.8 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U05105



Company name:

Created by:

Phone:

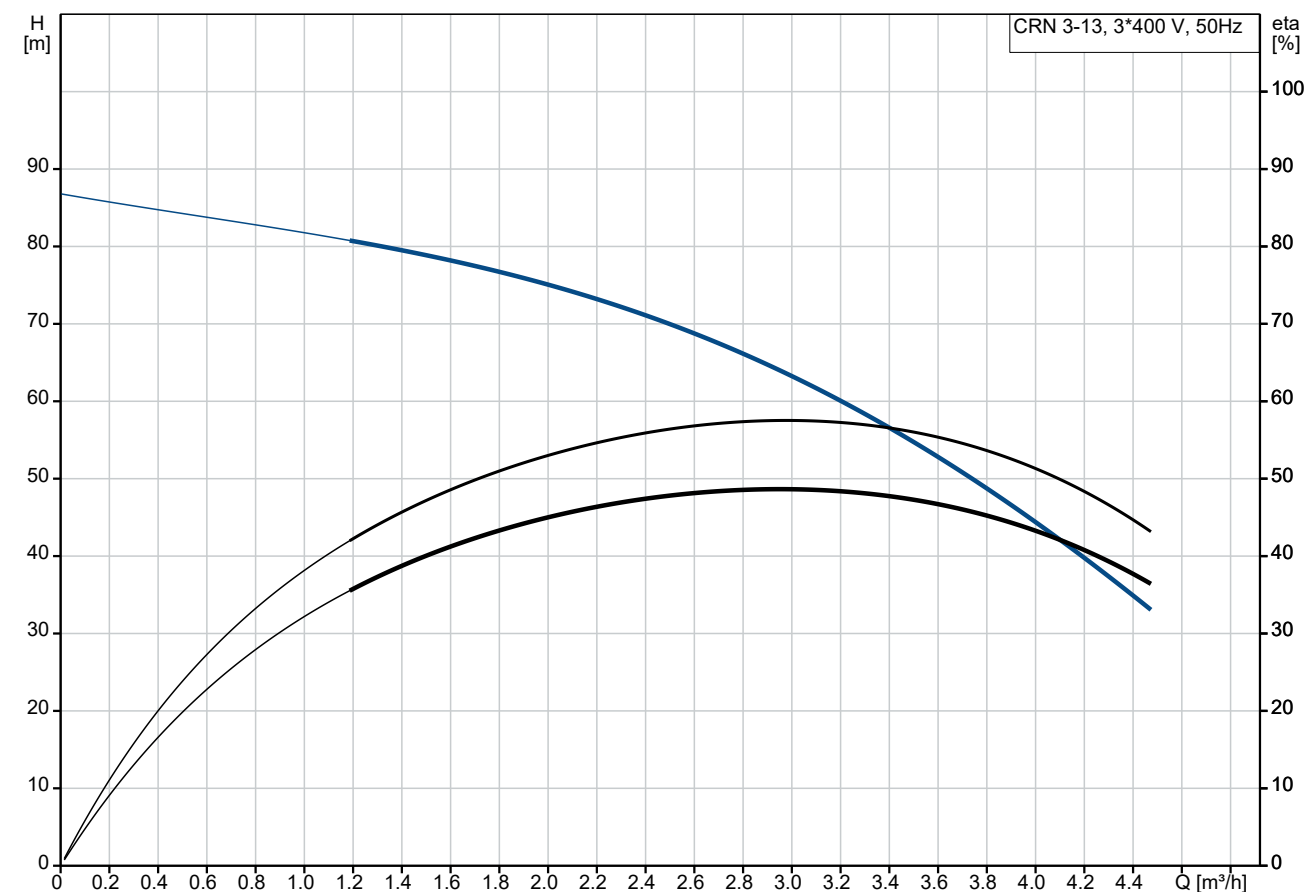
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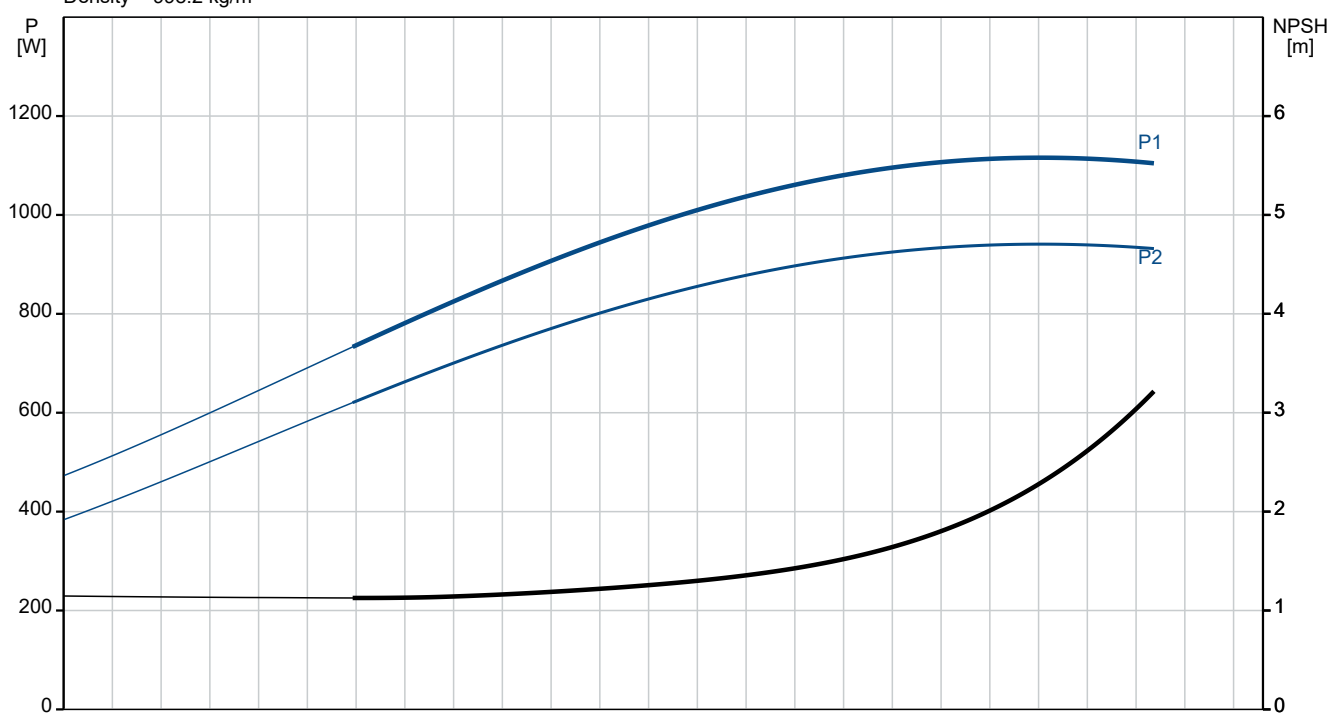
Qty.	Description
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1	Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 25.6 kg Gross weight: 28.5 kg Shipping volume: 0.074 m ³ Danish VVS No.: 385911013 Norwegian NRF no.: 9040468
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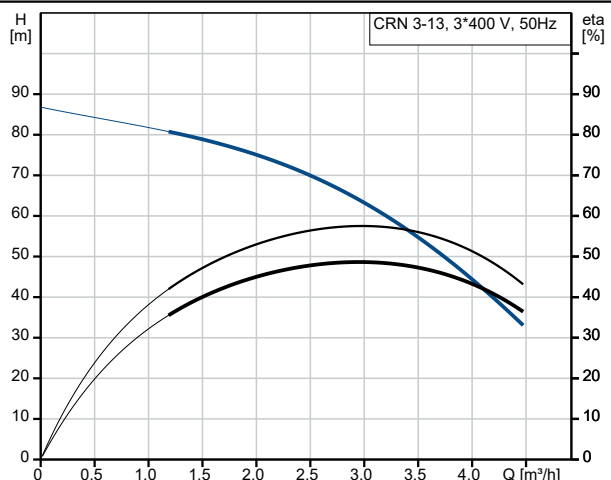
96516905 CRN 3-13 A-P-A-E-HQQE 50 Hz



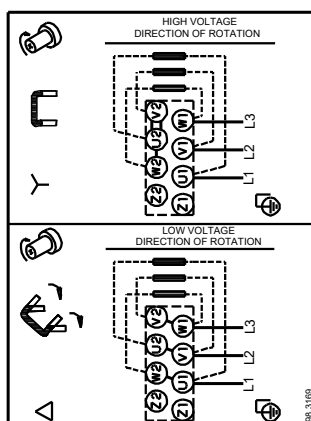
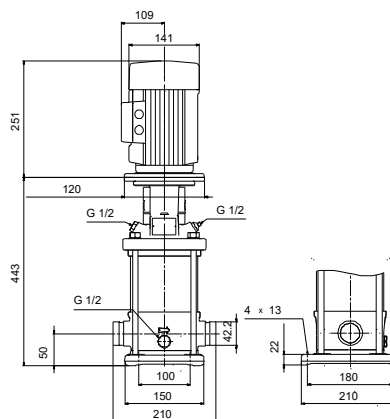
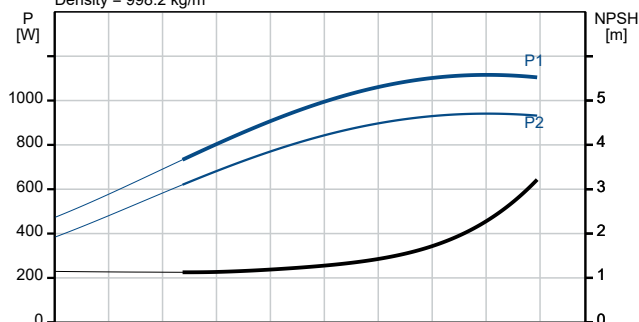
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CRN 3-13 A-P-A-E-HQQE
Product No:	96516905
EAN number:	5700396752211
Price:	
Technical:	
Pump speed on which pump data are based:	2853 rpm
Rated flow:	3 m³/h
Rated head:	61.3 m
Maximum head:	85.5 m
Stages:	13
Impellers:	13
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Primary shaft seal:	HQQE
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO,R CM,
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Pump type:	CRN
Materials:	
Type key, code for rubber components. E = EPDM, V=FKM:	E
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4401
	AISI 316
Type key, code for materials:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C
	25 bar / -20 °C
Type key, code for pipework connection:	P
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 connection:	PN 50
Flange size for motor:	FT100
Terminal box position:	6
Connect code:	P
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C

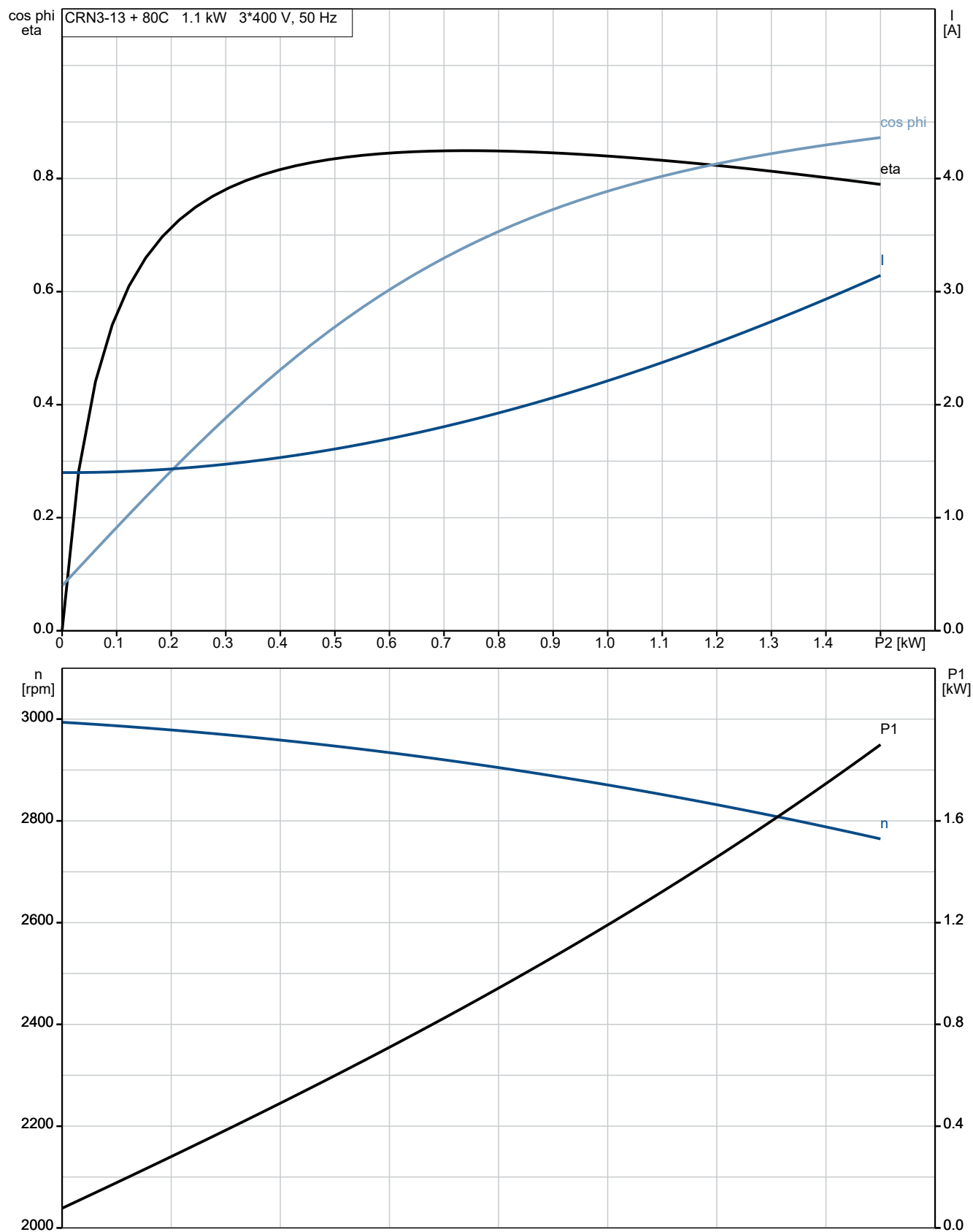


Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³

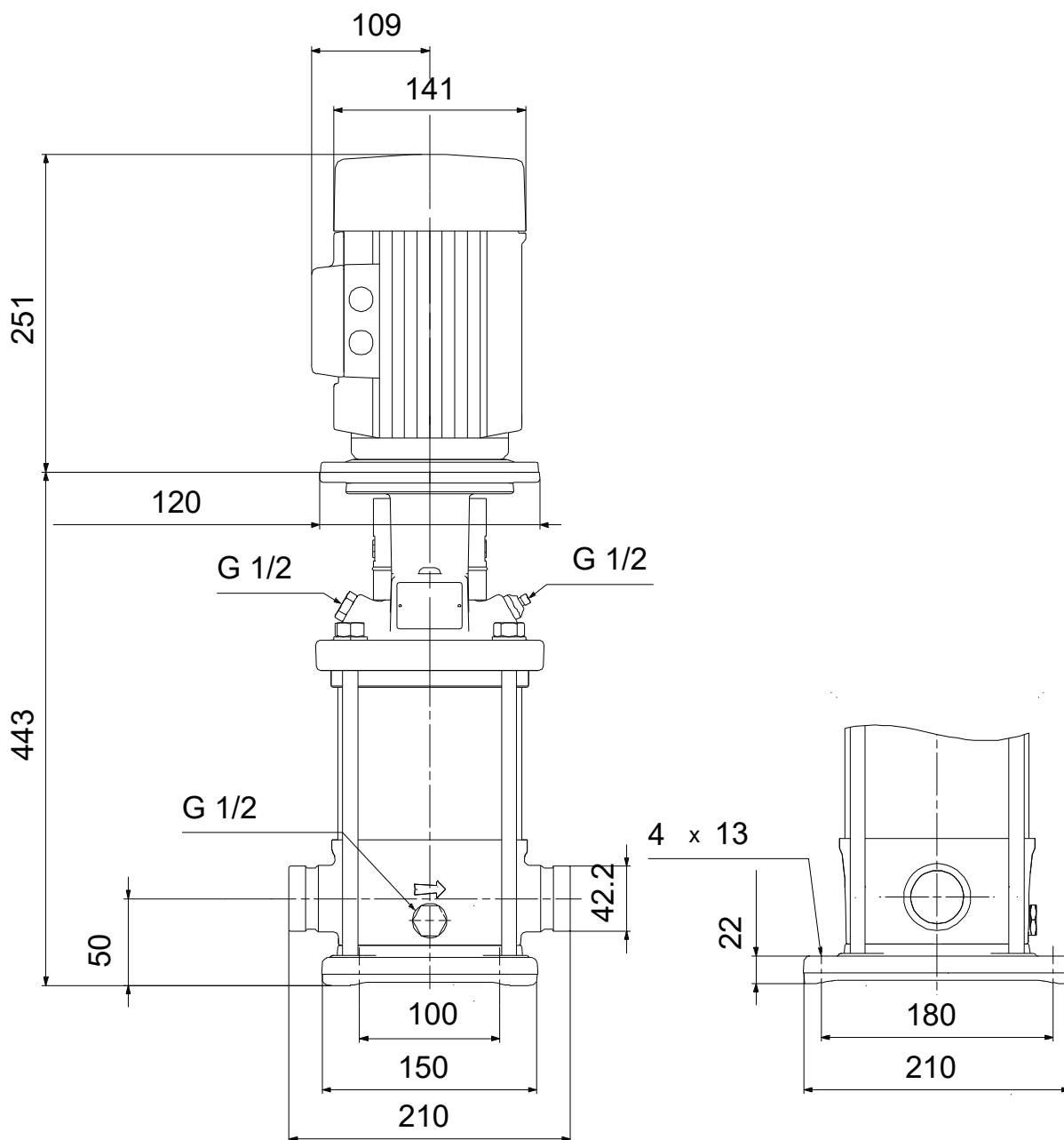


Description	Value
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	80C
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	4.35/2.50 A
Starting current:	450-500 %
Cos phi - power factor:	0.83-0.76
Rated speed:	2840-2870 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6-84.0 %
Motor efficiency at 1/2 load:	85.4-82.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U05105
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	25.6 kg
Gross weight:	28.5 kg
Shipping volume:	0.074 m³
Danish VVS No.:	385911013
Norwegian NRF no.:	9040468

96516905 CRN 3-13 A-P-A-E-HQQE 50 Hz

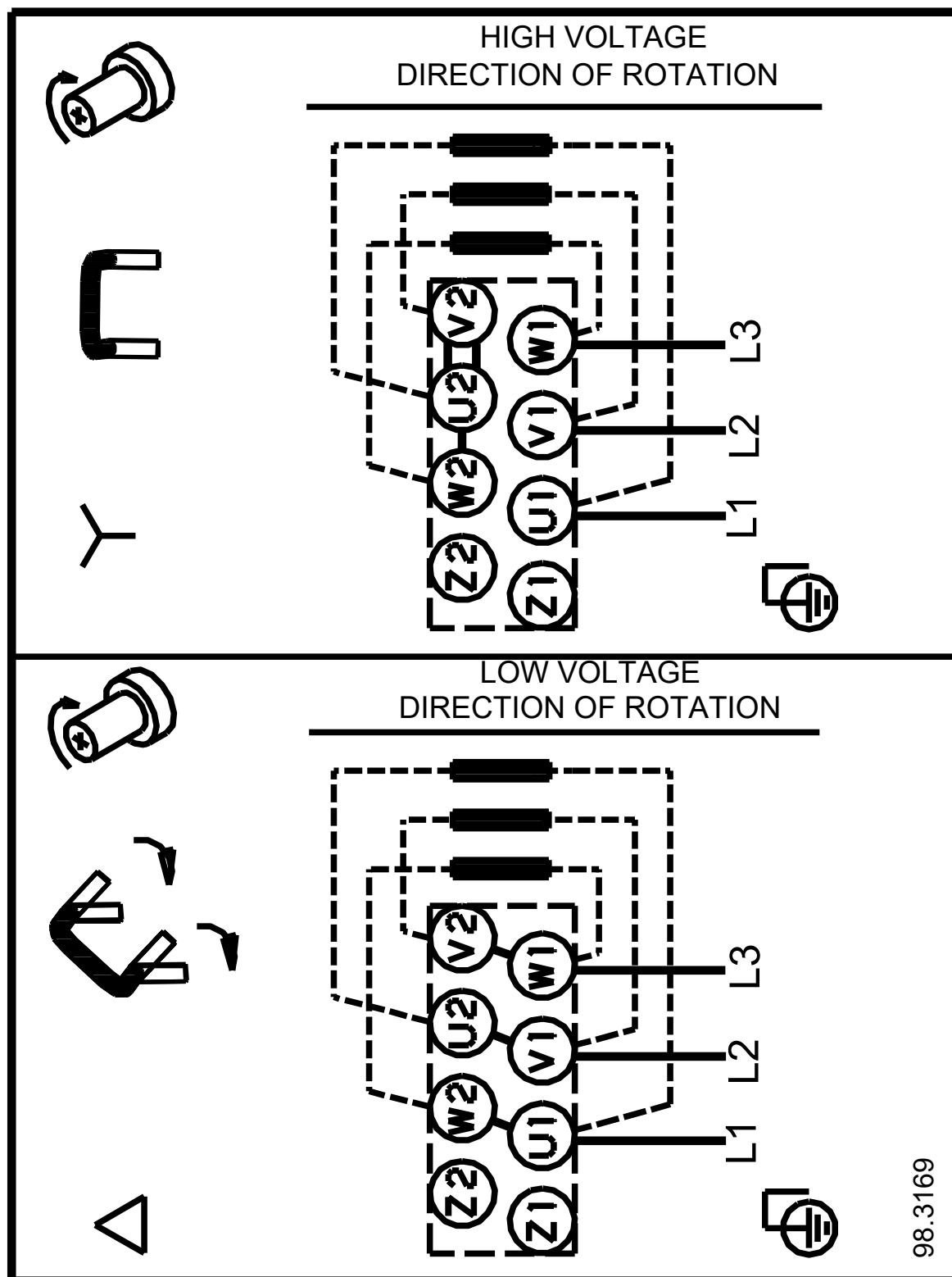


96516905 CRN 3-13 A-P-A-E-HQQE 50 Hz



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

96516905 CRN 3-13 A-P-A-E-HQQE 50 Hz



98.3169

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