

Qty.	Description
1	CR 10-12 A-FJ-A-E-HQQE  Note! Product picture may differ from actual product Product No.: 96501220 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 and intermediate chambers are made of Stainless steel, EN 1.4301. - Pump head and base are made of Cast iron. - The shaft seal has assembly length according to EN 12756. - Power transmission is via cast iron split coupling. - Pipework connection is via DIN / JIS flanges. 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: 2917 rpm Rated flow: 10 m³/h Rated head: 96.7 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 Curve tolerance: ISO9906:2012 3B Materials:

Qty.	Description
1	Type key, code for rubber components. E = EPDM, V=FKM: E Base: Cast iron EN 1561 EN-GJL-250 ASTM A48-35B Impeller: Stainless steel EN 1.4301 AISI 304 Type key, code for materials: A Bearing: SIC Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C 16 bar / -20 °C Type of connection: DIN / JIS Size of inlet connection: DN 40 1 1/2 inch Size of outlet connection: DN 40 Pressure rating for connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: FT130 Terminal box position: 6 Electrical data: Motor standard: IEC Motor type: 112MC Rated power - P2: 4 kW Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V Rated current: 7.9 A Starting current: 1000-1110 % Cos phi - power factor: 0.87 Rated speed: 2920-2940 rpm IE Efficiency class: IE3 Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6-88.2 % Motor efficiency at 1/2 load: 85.2-88.1 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: PTC Motor No: 85U15413 Others: Minimum efficiency index, MEI ≥: 0.70



Company name:

Created by:

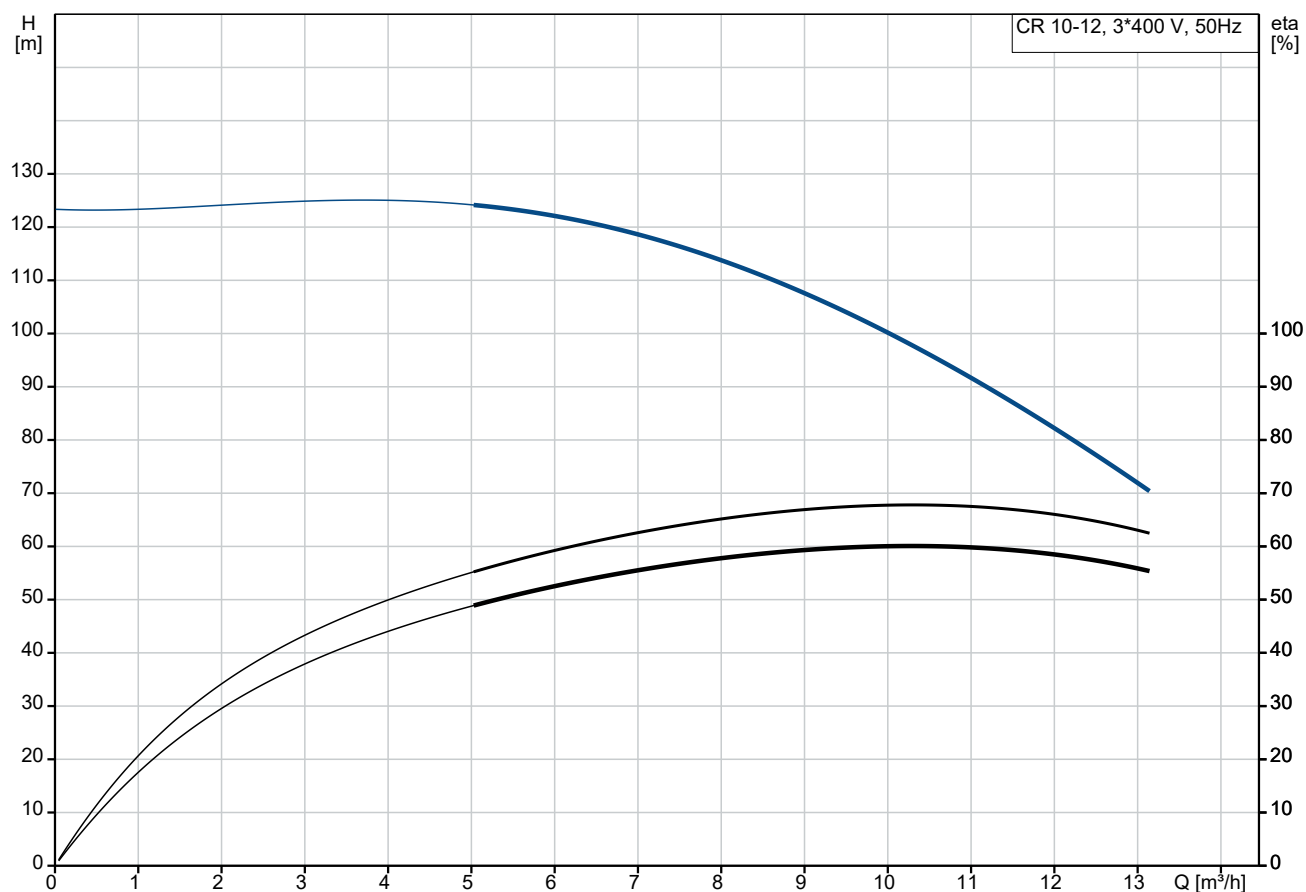
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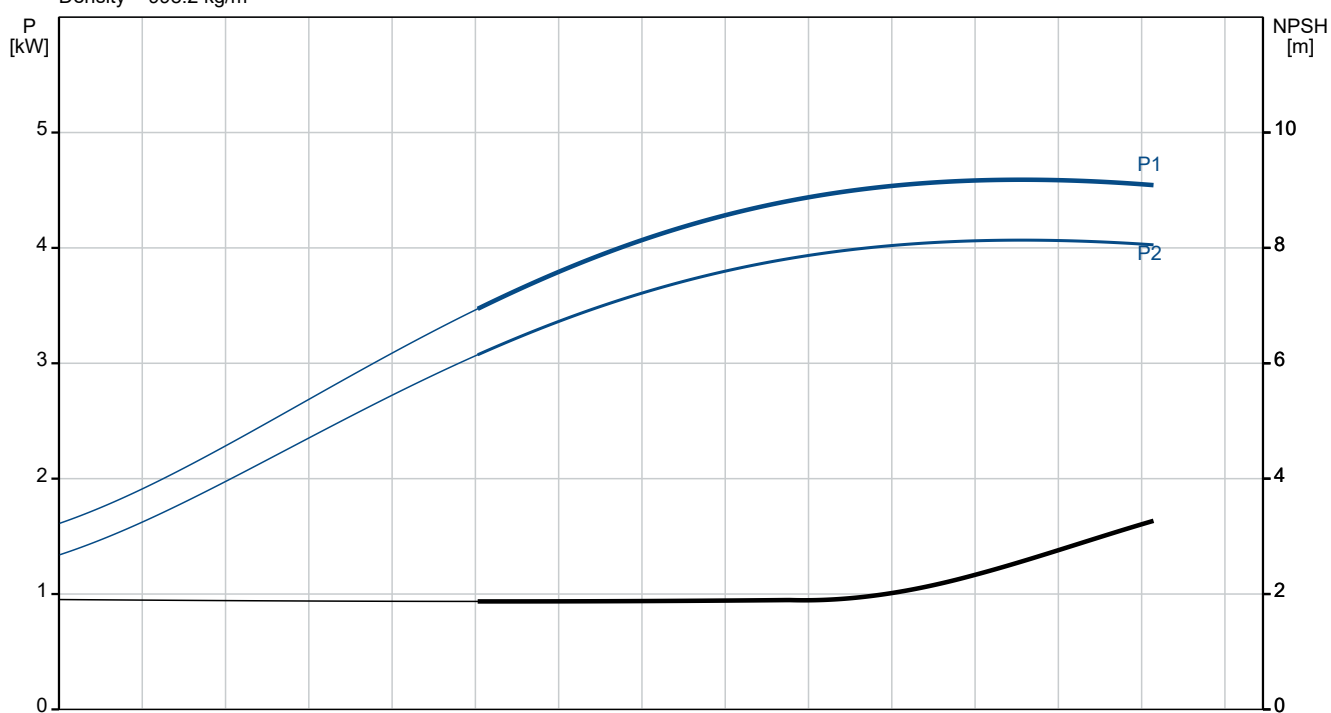
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Qty.	Description
1	Net weight: 76 kg Gross weight: 80 kg Shipping volume: 0.13 m³ Danish VVS No.: 385903512 Swedish RSK No.: 5823466 Finnish LVI No.: 4925425

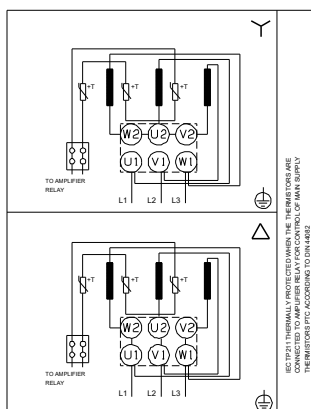
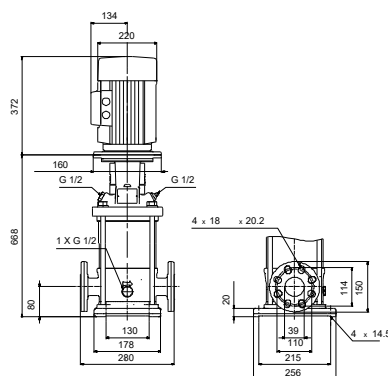
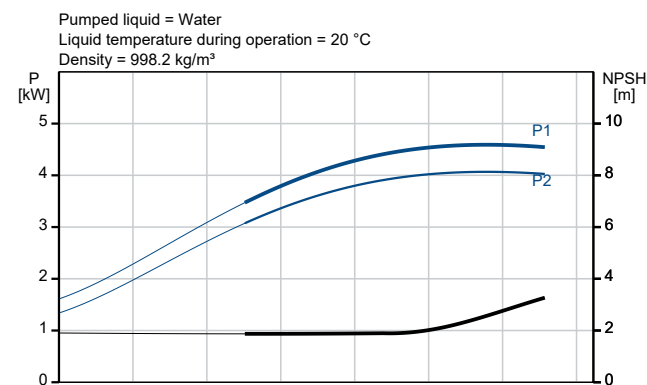
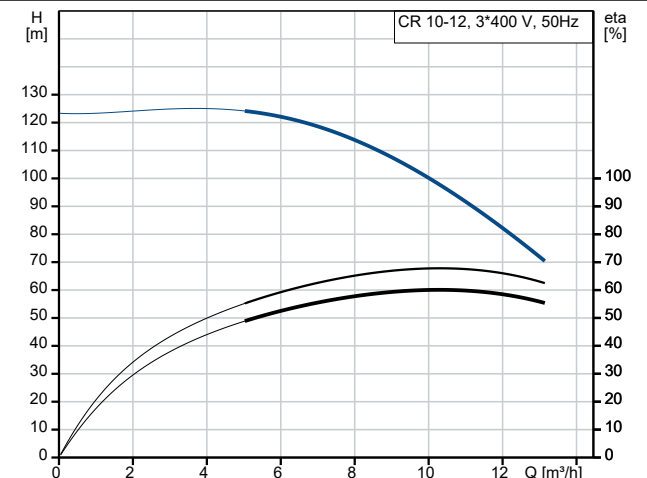
96501220 CR 10-12 A-FJ-A-E-HQQE 50 Hz



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

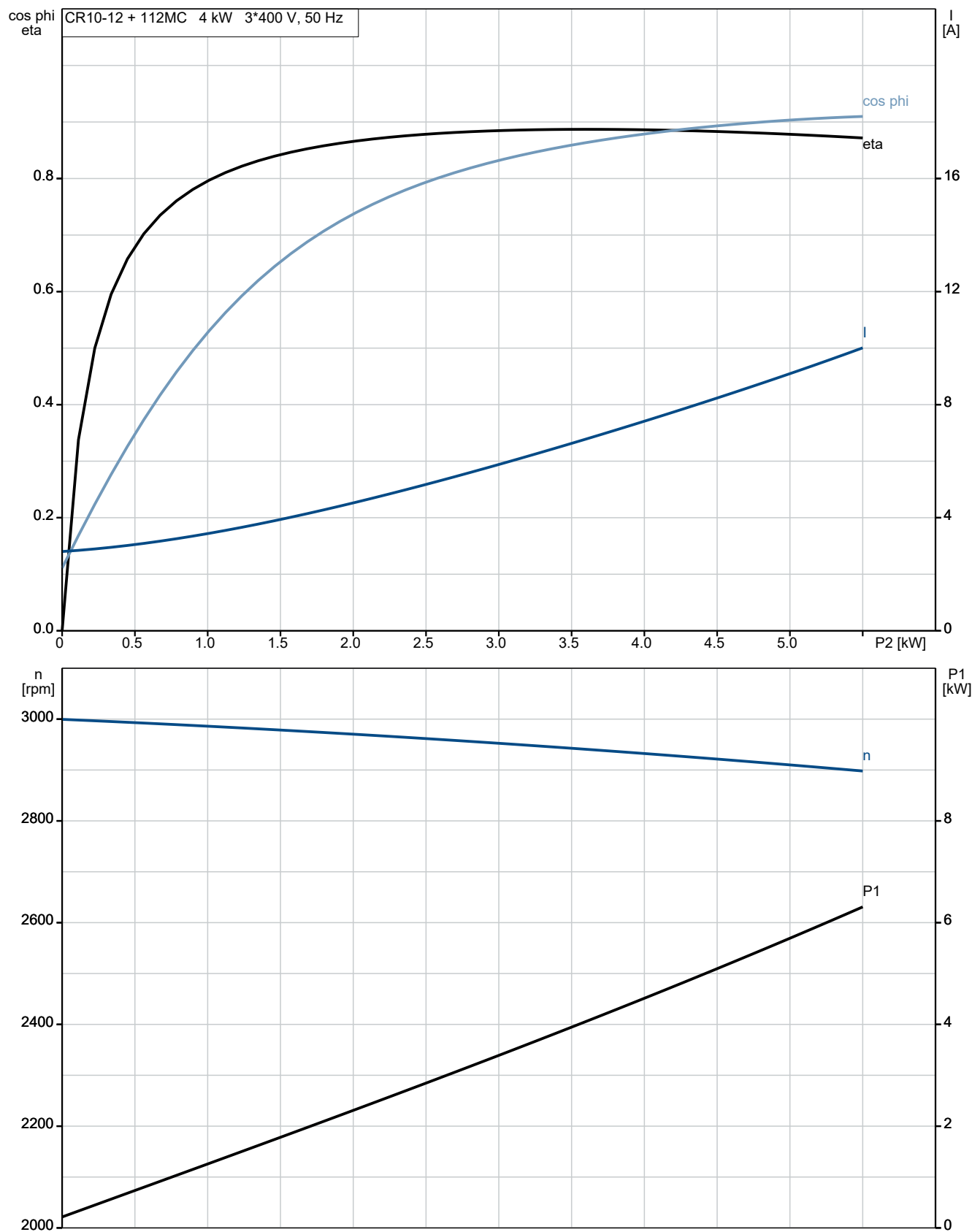


Description	Value
General information:	
Product name:	CR 10-12 A-FJ-A-E-HQQE
Product No:	96501220
EAN number:	5700396217758
Price:	
Technical:	
Pump speed on which pump data are based:	2917 rpm
Rated flow:	10 m³/h
Rated head:	96.7 m
Maximum head:	122 m
Stages:	12
Impellers:	12
Number of reduced-diameter 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:	CR
Materials:	
Type key, code for rubber components. E = EPDM, V=FKM:	E
Base:	Cast iron
	EN 1561 EN-GJL-250
	ASTM A48-35B
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Type key, code for materials:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
	16 bar / -20 °C
Type key, code for pipework connection:	FJ
Type of connection:	DIN / JIS
Size of inlet connection:	DN 40
	1 1/2 inch
Size of outlet connection:	DN 40
Pressure rating for connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT130
Terminal box position:	6
Connect code:	FJ
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C

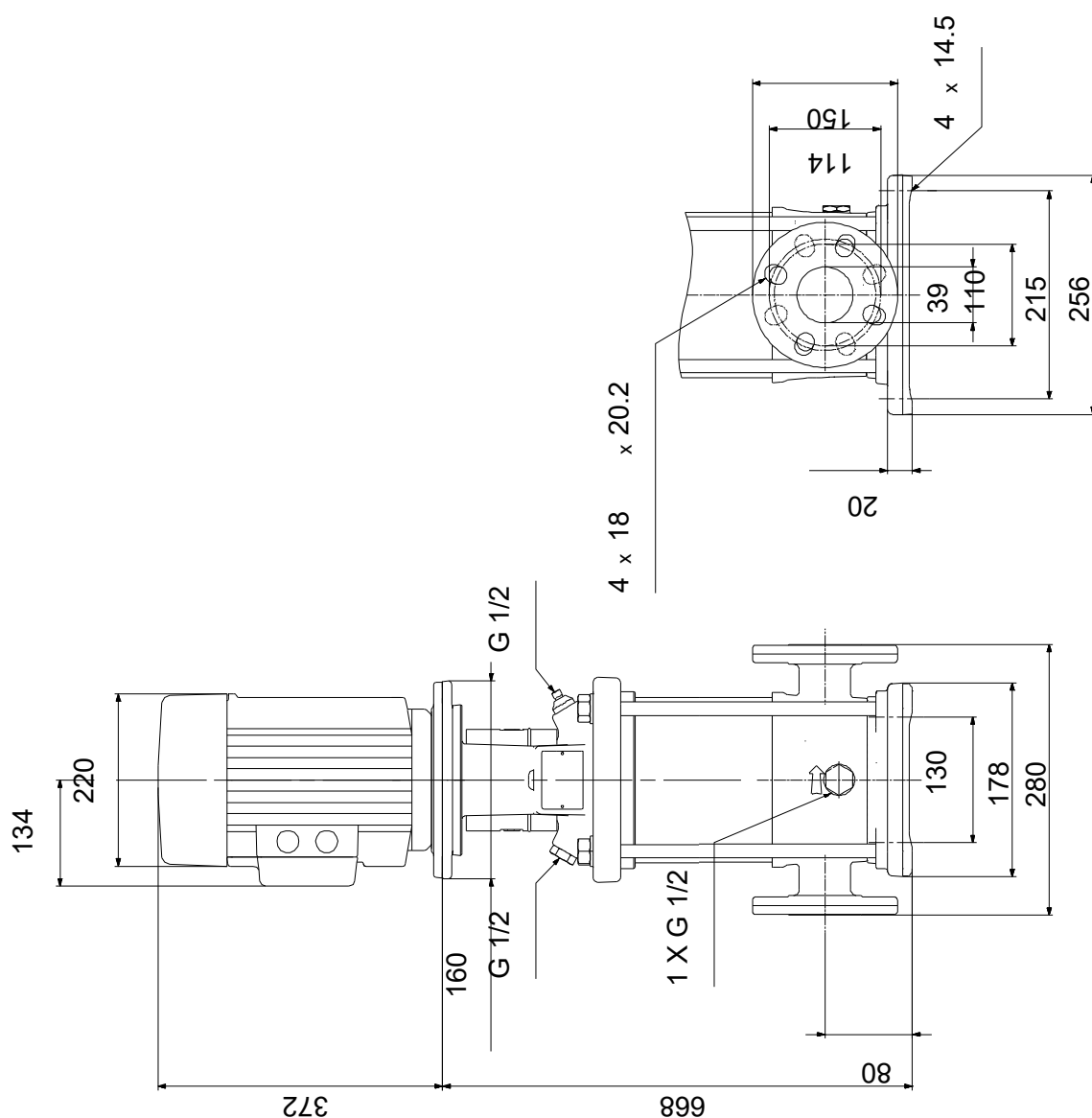


Description	Value
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	112MC
Rated power - P2:	4 kW
Power (P2) required by pump:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	7.9 A
Starting current:	1000-1110 %
Cos phi - power factor:	0.87
Rated speed:	2920-2940 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	88.1 %
Motor efficiency at 3/4 load:	88.6-88.2 %
Motor efficiency at 1/2 load:	85.2-88.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U15413
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	76 kg
Gross weight:	80 kg
Shipping volume:	0.13 m³
Danish VVS No.:	385903512
Swedish RSK No.:	5823466
Finnish LVI No.:	4925425

96501220 CR 10-12 A-FJ-A-E-HQQE 50 Hz

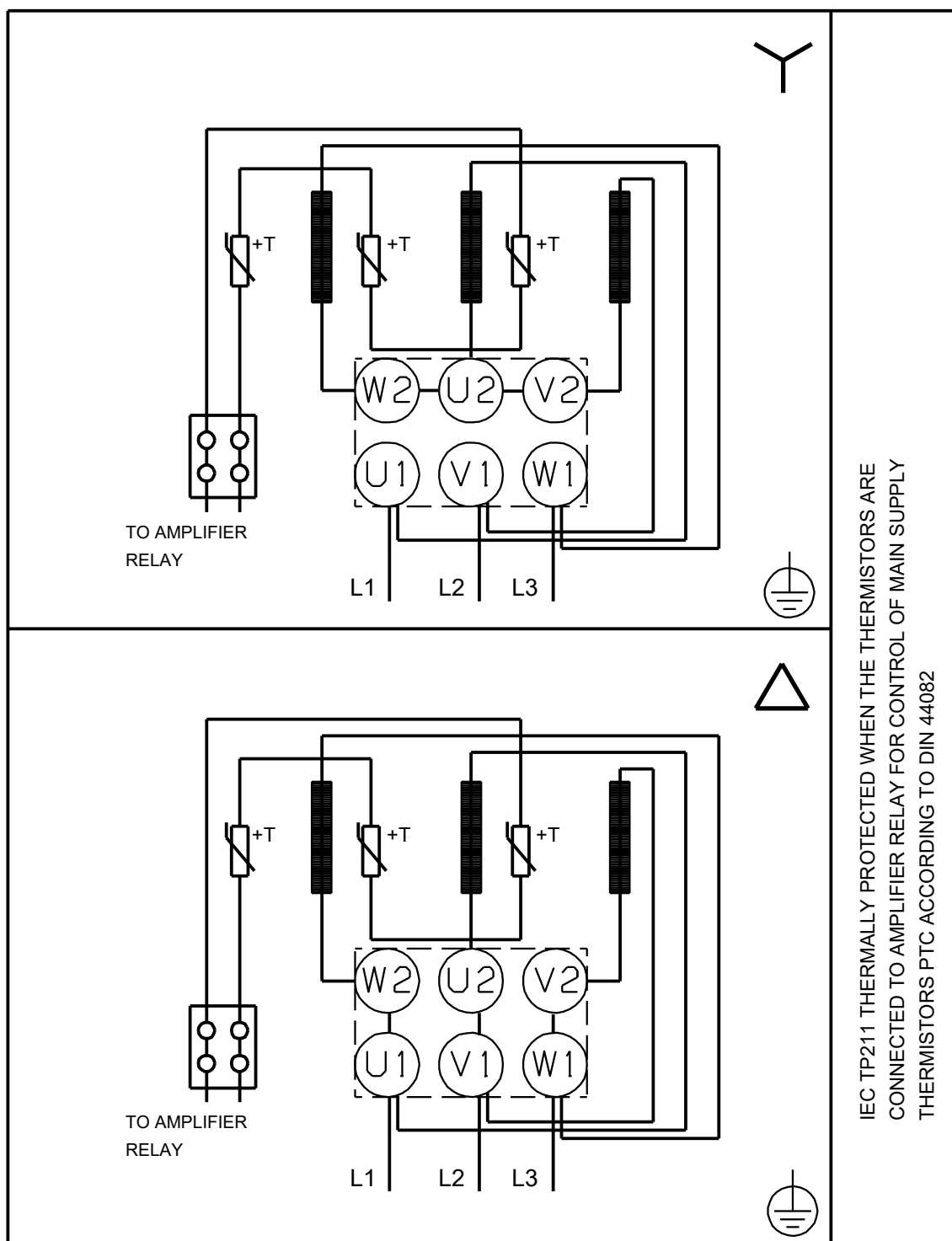


96501220 CR 10-12 A-FJ-A-E-HQQE 50 Hz



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

96501220 CR 10-12 A-FJ-A-E-HQQE 50 Hz



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