

Qty.	Description
1	CR 32-2 A-F-A-E-HQQE  Note! Product picture may differ from actual product Product No.: 96122009 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 flanges. The motor is a 3-phase AC motor. Controls: Terminal box position: 6 Frequency converter: None Liquid: Pumped liquid: Water Liquid temperature range: -30 .. 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: 30 m³/h Rated head: 29.5 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 1563 EN-GJS-500-7 ASTM A536 80-55-06 Impeller: Stainless steel EN 1.4301 AISI 304 Type key, code for materials: A Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C 16 bar / -30 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for connection: PN 40 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 Net weight: 86.4 kg



Company name:

Created by:

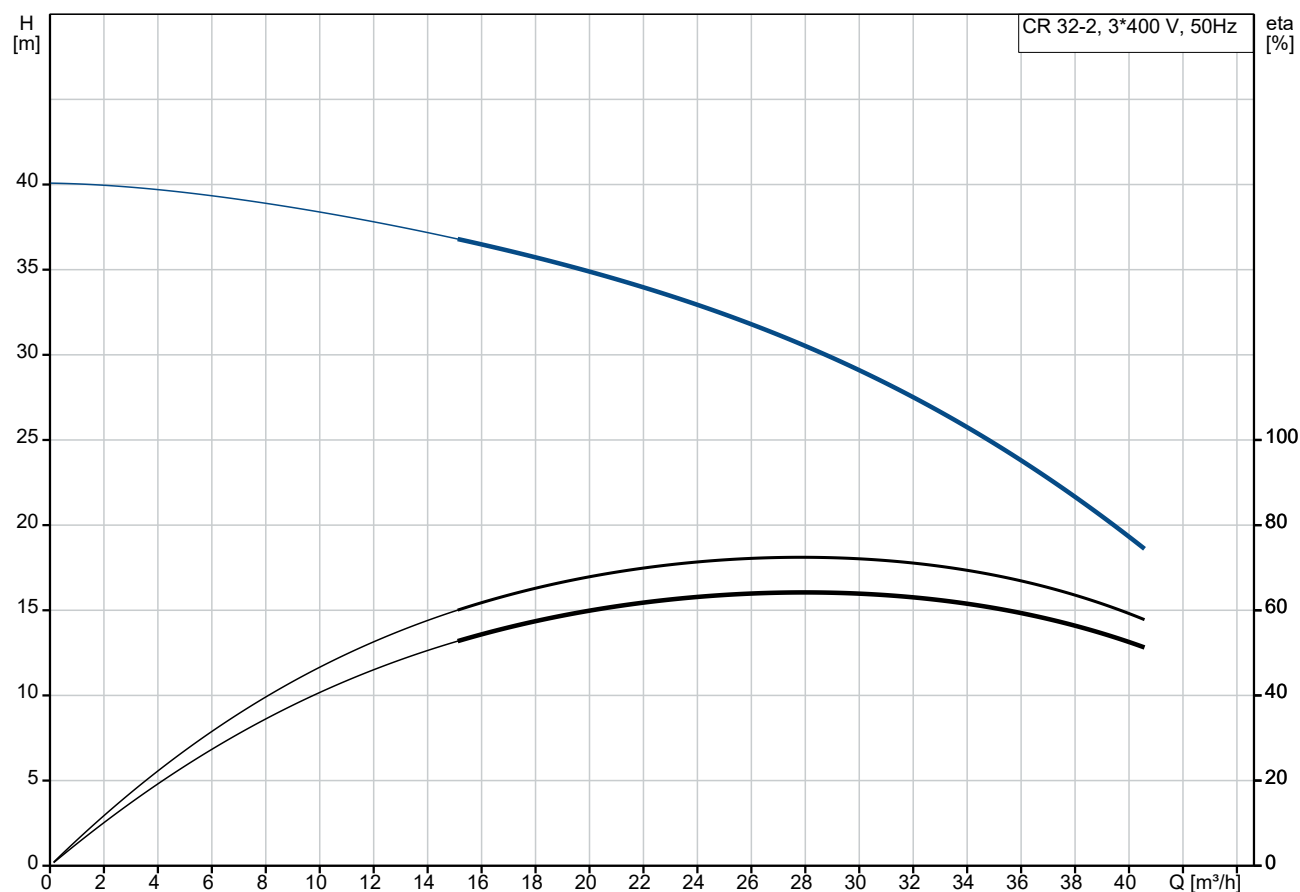
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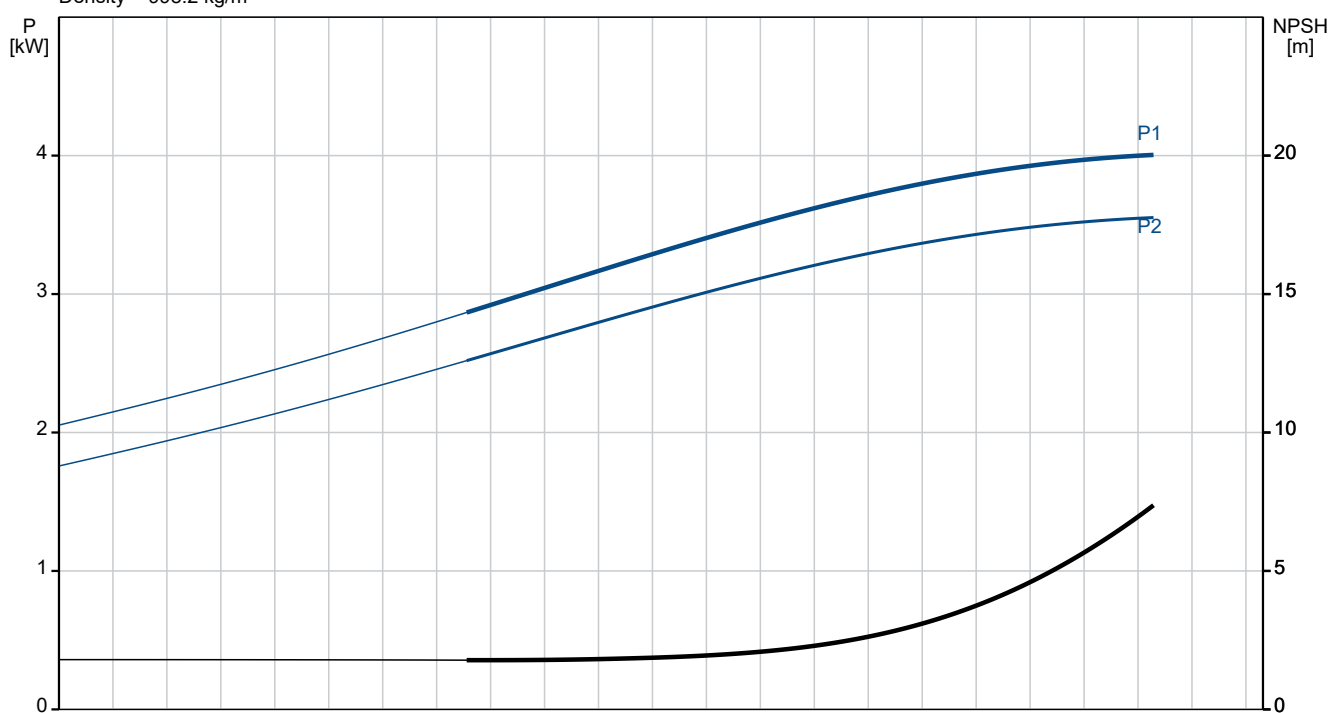
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Qty.	Description
1	Gross weight: 109 kg Shipping volume: 0.309 m³ Danish VVS No.: 385906020 Swedish RSK No.: 5824871 Finnish LVI No.: 4925458

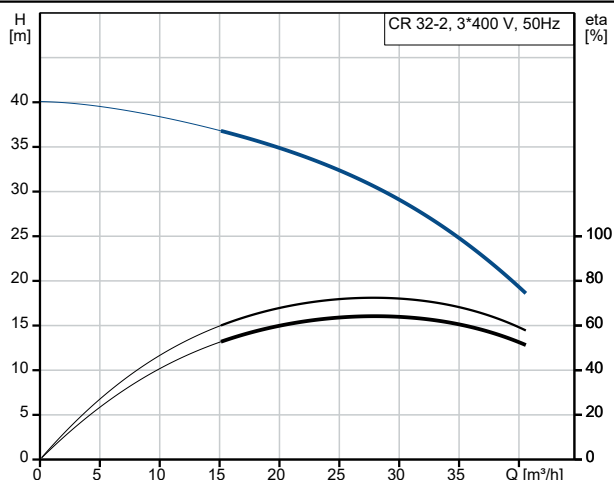
96122009 CR 32-2 A-F-A-E-HQQE 50 Hz



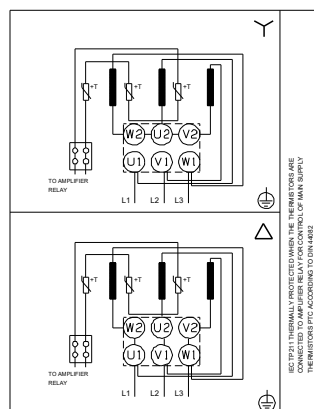
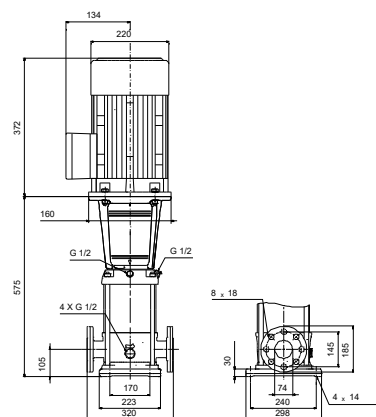
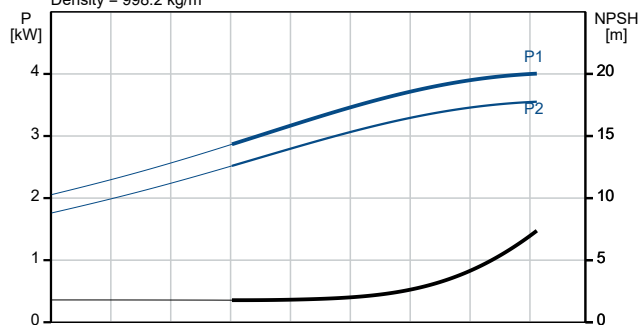
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 32-2 A-F-A-E-HQQE
Product No:	96122009
EAN number:	5700396680538
Price:	
Technical:	
Pump speed on which pump data are based:	2917 rpm
Rated flow:	30 m³/h
Rated head:	29.5 m
Maximum head:	39.5 m
Stages:	2
Impellers:	2
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, RCM,
Approvals for drinking water:	WRAS, ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Pump type:	CR
Materials:	
Type key, code for rubber components. E = EPDM, V=FKM:	E
Base:	Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06
Impeller:	Stainless steel EN 1.4301 AISI 304
Type key, code for materials:	A
Code for rubber:	E
Bearing:	SIC
Support bearing:	Graflon
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C 16 bar / -30 °C
Type key, code for pipework connection:	F
Type of connection:	DIN
Size of inlet connection:	DN 65
Size of outlet connection:	DN 65
Pressure rating for connection:	PN 40
Flange size for motor:	FT130
Terminal box position:	6
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-30 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³



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





Company name:

Created by:

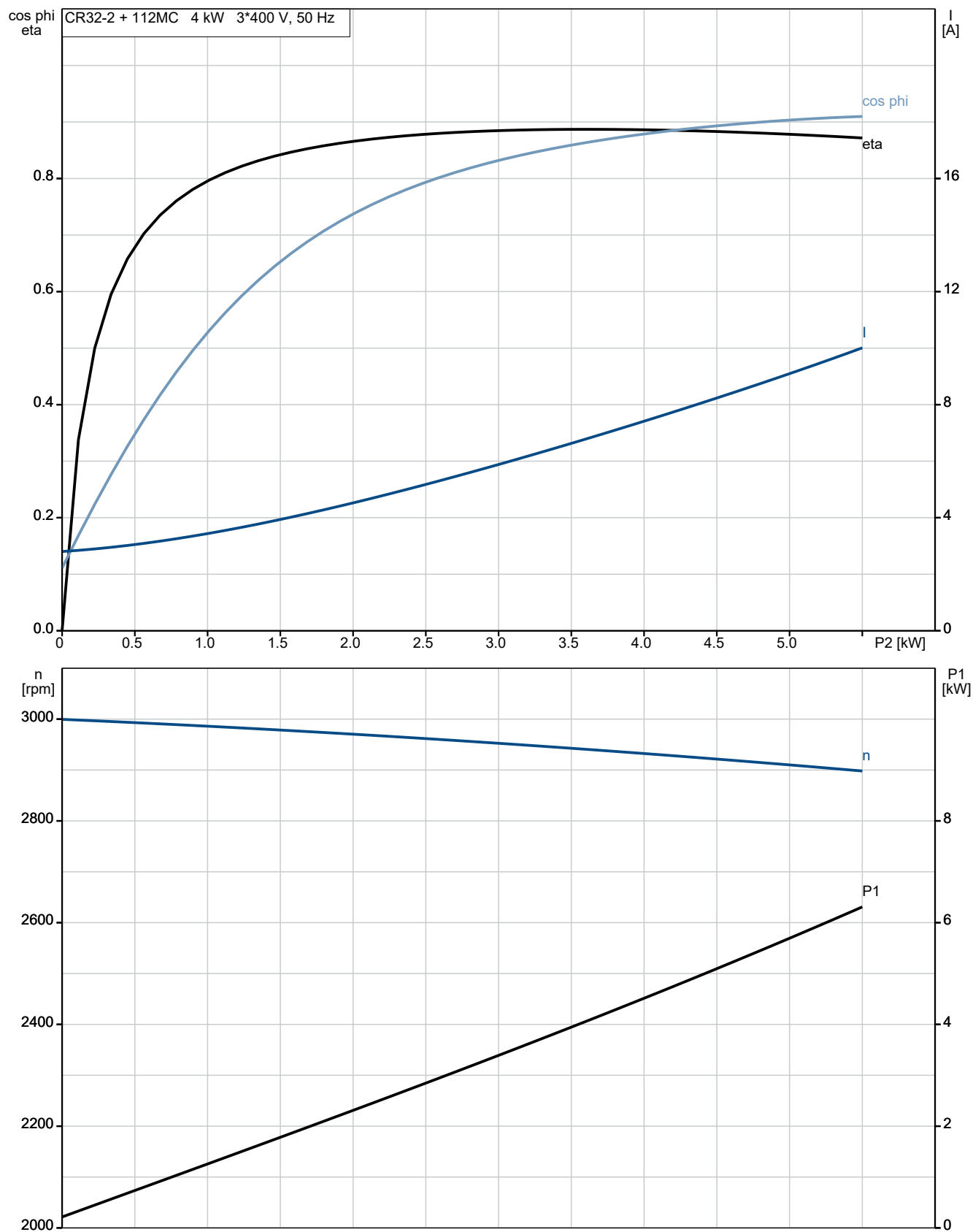
Phone:

Date:

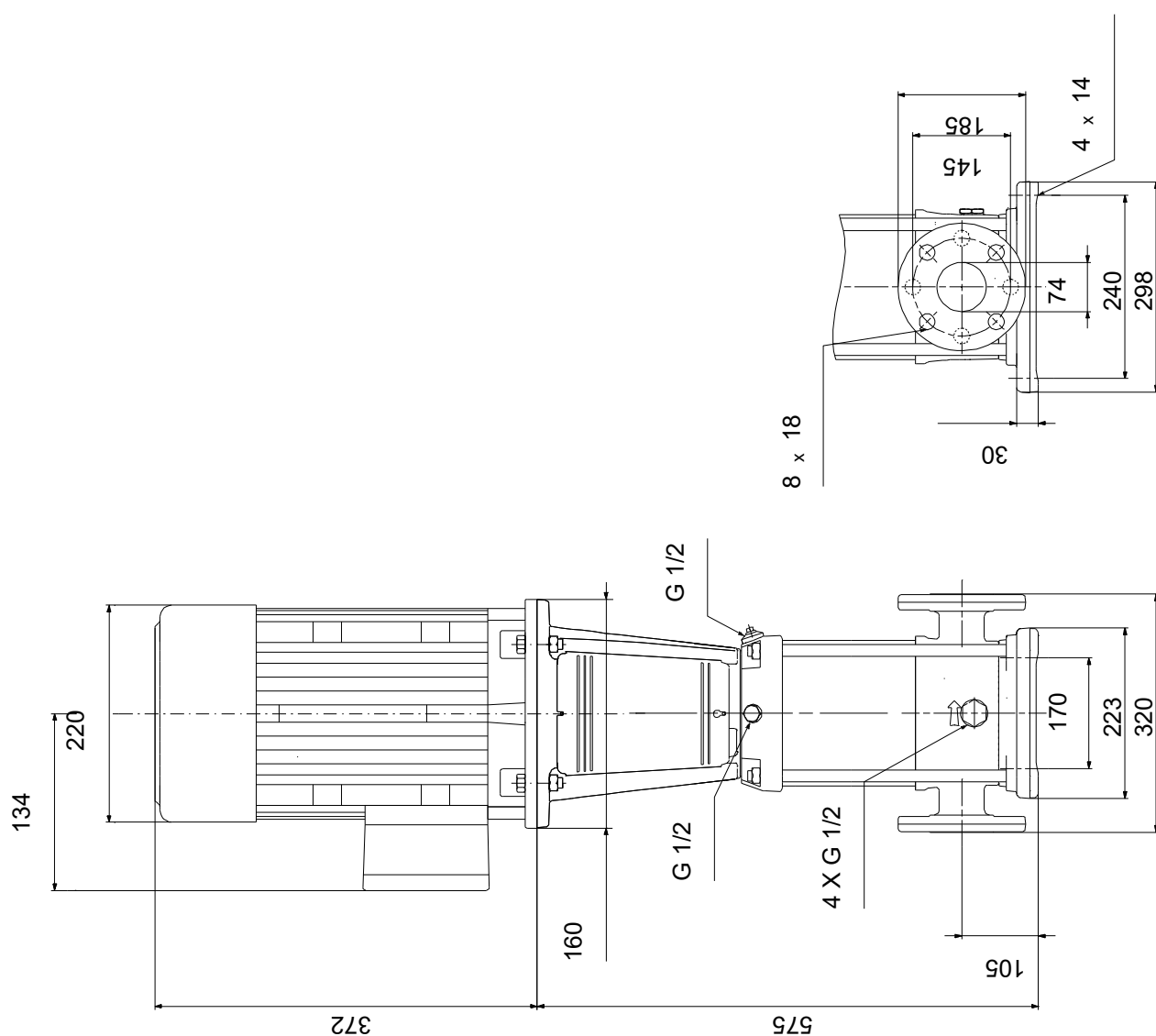
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Description	Value
Electrical data:	
Motor standard:	IEC
Motor type:	112MC
Rated power - P2:	4 kW
Power (P2) required by pump:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	7.9 A
Starting current:	1000-1110 %
Cos phi - power 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:	86.4 kg
Gross weight:	109 kg
Shipping volume:	0.309 m³
Danish VVS No.:	385906020
Swedish RSK No.:	5824871
Finnish LVI No.:	4925458

96122009 CR 32-2 A-F-A-E-HQQE 50 Hz

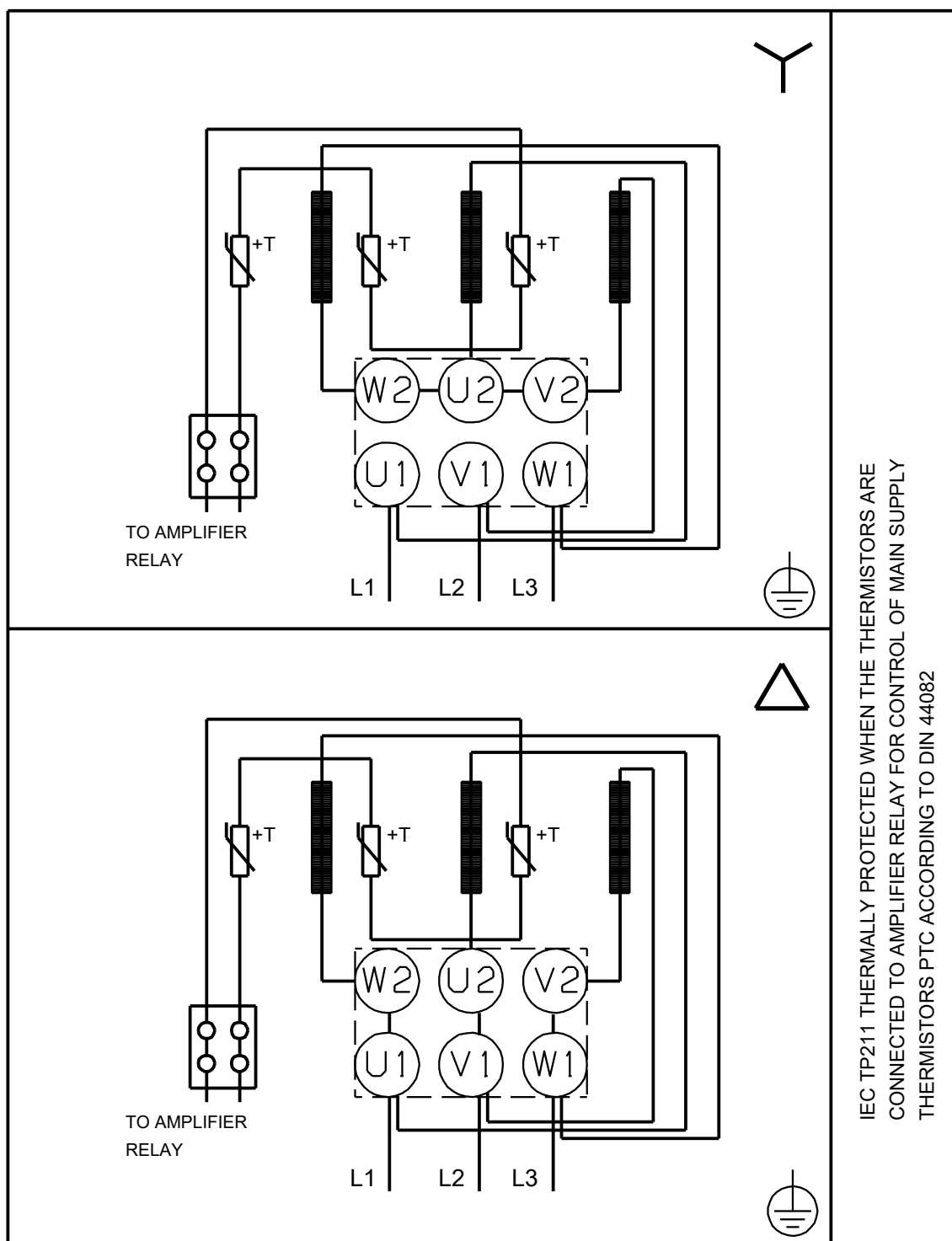


96122009 CR 32-2 A-F-A-E-HQQE 50 Hz



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

96122009 CR 32-2 A-F-A-E-HQQE 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.