

Qty.	Description
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1	CR 20-14 A-F-A-E-HQQE  Note! Product picture may differ from actual product Product No.: 96500517 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: <table> <tr> <td>Terminal box position:</td> <td>6</td> </tr> <tr> <td>Frequency converter:</td> <td>None</td> </tr> </table> Liquid: <table> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>-20 .. 120 °C</td> </tr> <tr> <td>Selected liquid temperature:</td> <td>20 °C</td> </tr> <tr> <td>Density:</td> <td>998.2 kg/m³</td> </tr> </table> Technical: <table> <tr> <td>Pump speed on which pump data are based:</td> <td>2923 rpm</td> </tr> <tr> <td>Rated flow:</td> <td>21 m³/h</td> </tr> <tr> <td>Rated head:</td> <td>165.4 m</td> </tr> <tr> <td>Pump orientation:</td> <td>Vertical</td> </tr> <tr> <td>Shaft seal arrangement:</td> <td>Single</td> </tr> <tr> <td>Primary shaft seal:</td> <td>HQQE</td> </tr> <tr> <td>Code for shaft seal:</td> <td>HQQE</td> </tr> <tr> <td>Approvals:</td> <td>CE,EAC,UKCA,SEPRO,</td> </tr> <tr> <td>Approvals for drinking water:</td> <td>WRAS,ACS</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO9906:2012 3B</td> </tr> </table> Materials:	Terminal box position:	6	Frequency converter:	None	Pumped liquid:	Water	Liquid temperature range:	-20 .. 120 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m ³	Pump speed on which pump data are based:	2923 rpm	Rated flow:	21 m ³ /h	Rated head:	165.4 m	Pump orientation:	Vertical	Shaft seal arrangement:	Single	Primary shaft seal:	HQQE	Code for shaft seal:	HQQE	Approvals:	CE,EAC,UKCA,SEPRO,	Approvals for drinking water:	WRAS,ACS	Curve tolerance:	ISO9906:2012 3B
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- 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.

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: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 50 Size of outlet connection: DN 50 Pressure rating for connection: PN 25 Flange size for motor: FF300 Terminal box position: 6 Electrical data: Motor standard: IEC Motor type: 160MD Rated power - P2: 15 kW Power (P2) required by pump: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y V Rated current: 28,0-26,0/16,2-15,6 A Starting current: 660-780 % Cos phi - power factor: 0.89-0.87 Rated speed: 2930-2950 rpm IE Efficiency class: IE3 Motor efficiency at full load: 91.9 % Motor efficiency at 3/4 load: 92.4-92.7 % Motor efficiency at 1/2 load: 92.4-92.3 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: PTC Motor No: 85U17526 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 169 kg Gross weight: 200 kg



Company name:

Created by:

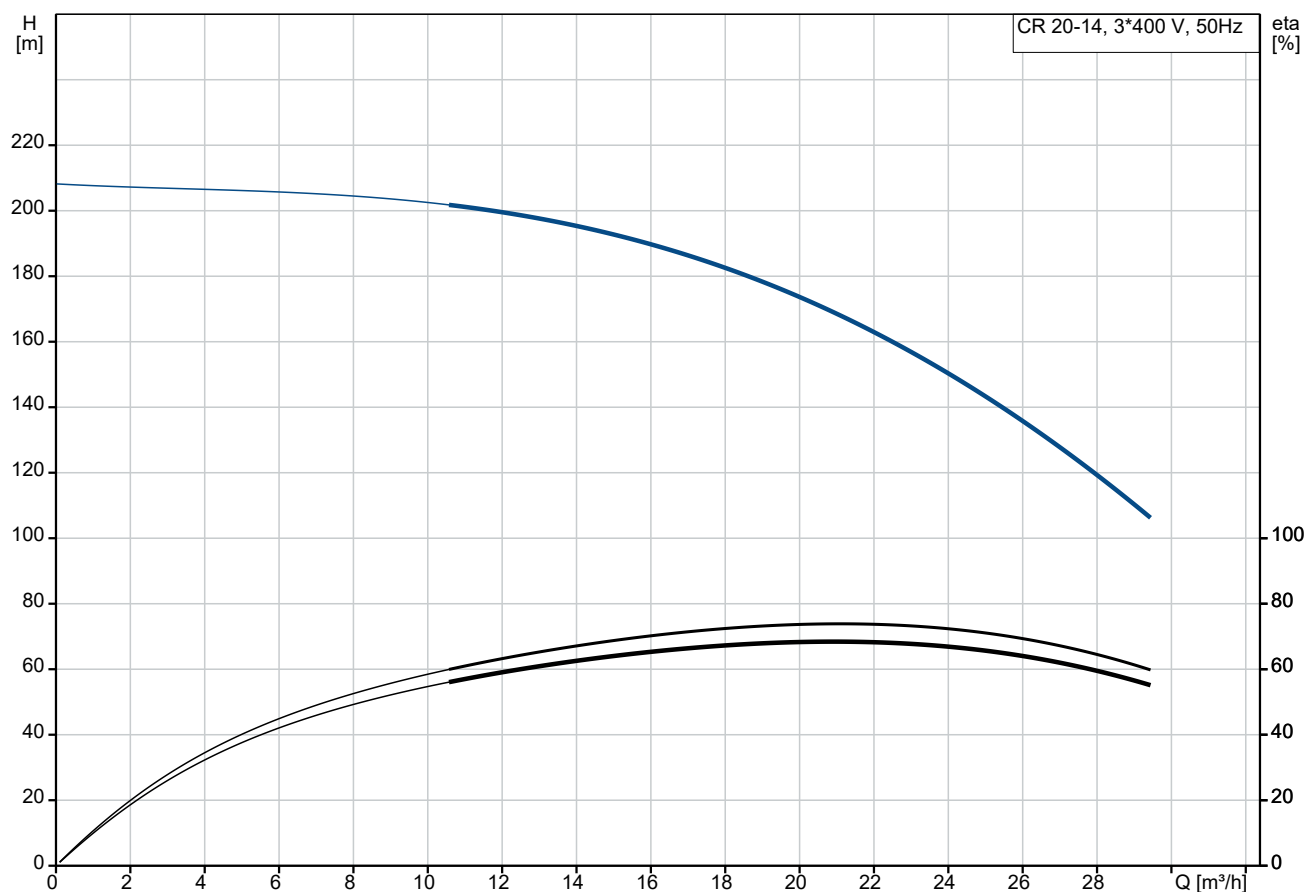
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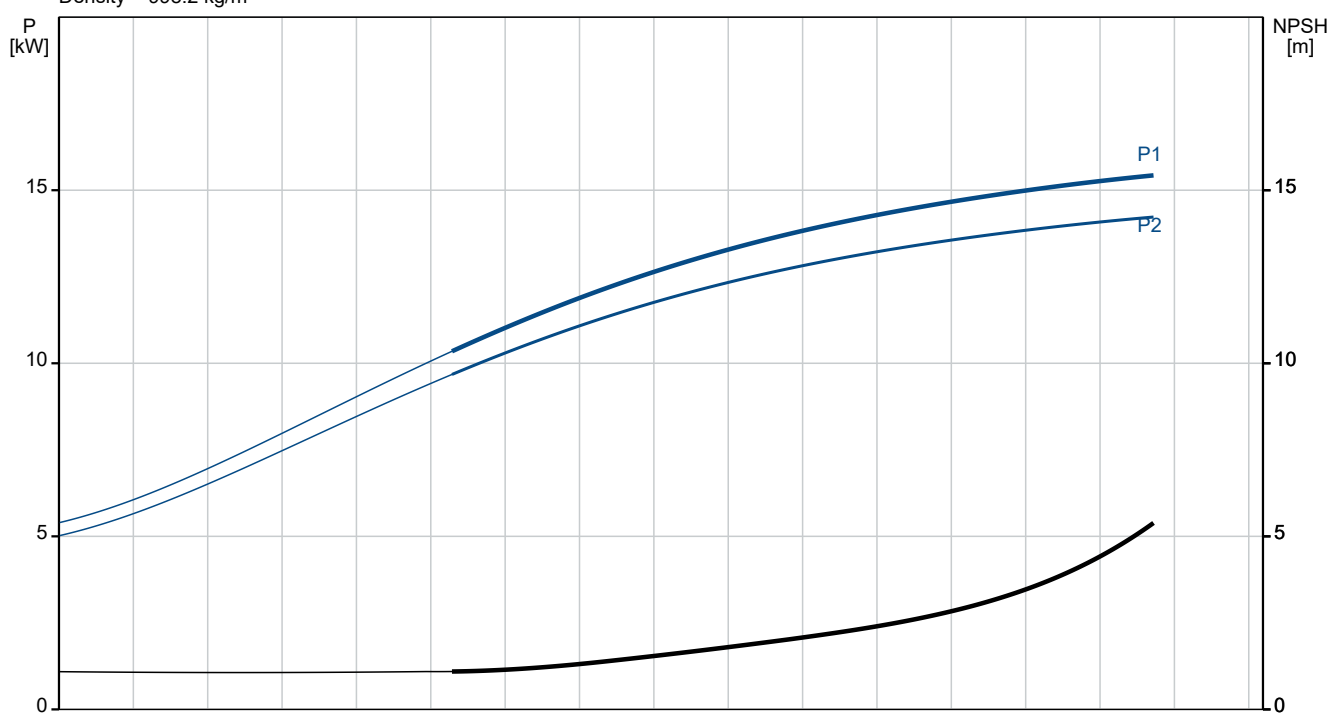
9/9/2026

Qty.	Description
1	Shipping volume: 0.619 m³ Danish VVS No.: 385905140 Swedish RSK No.: 5823495 Finnish LVI No.: 4925454

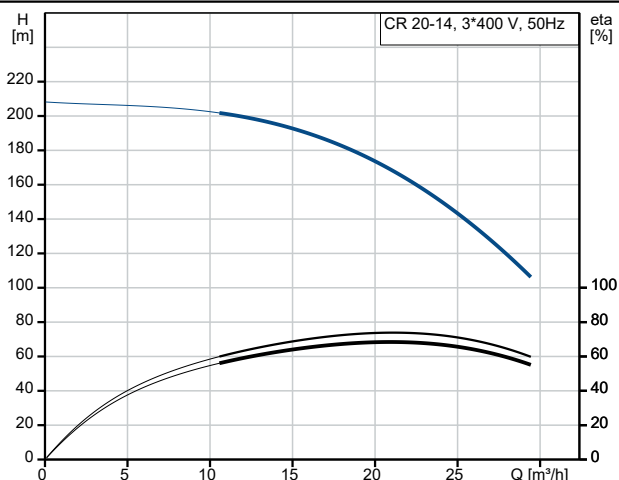
96500517 CR 20-14 A-F-A-E-HQQE 50 Hz



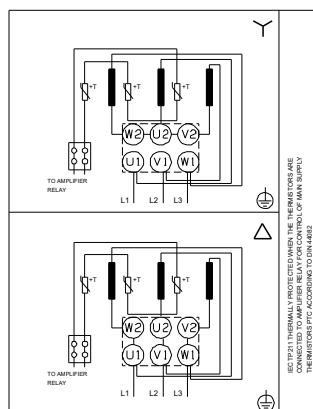
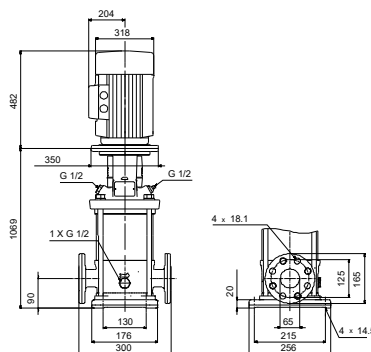
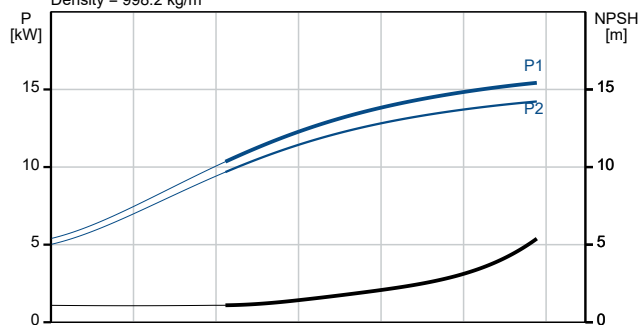
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 20-14 A-F-A-E-HQQE
Product No:	96500517
EAN number:	5700396203409
Price:	
Technical:	
Pump speed on which pump data are based:	2923 rpm
Rated flow:	21 m³/h
Rated head:	165.4 m
Maximum head:	207 m
Stages:	14
Impellers:	14
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,
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:	25 bar
Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C
Type key, code for pipework connection:	F
Type of connection:	DIN
Size of inlet connection:	DN 50
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 25
Flange size for motor:	FF300
Terminal box position:	6
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	



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





Company name:

Created by:

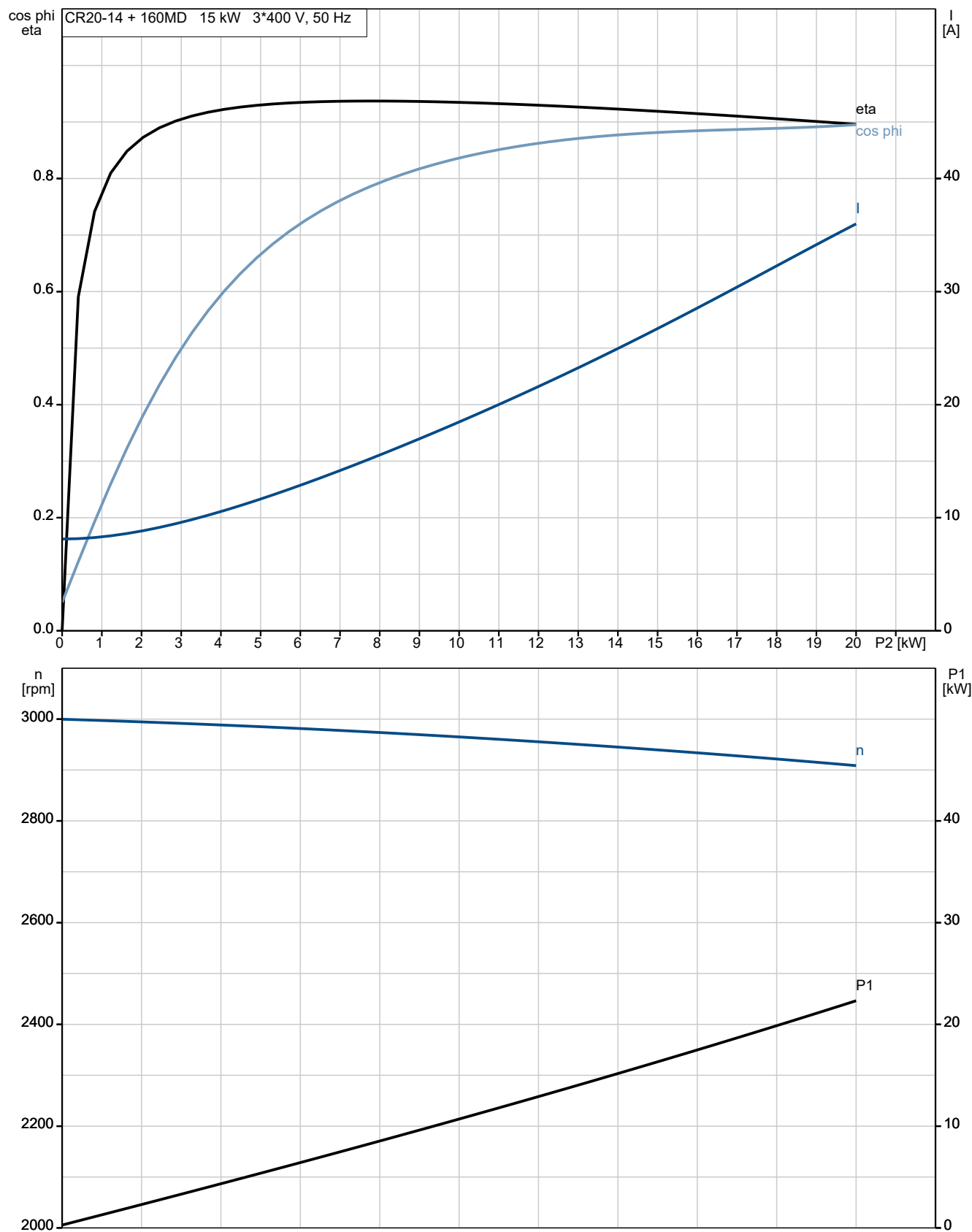
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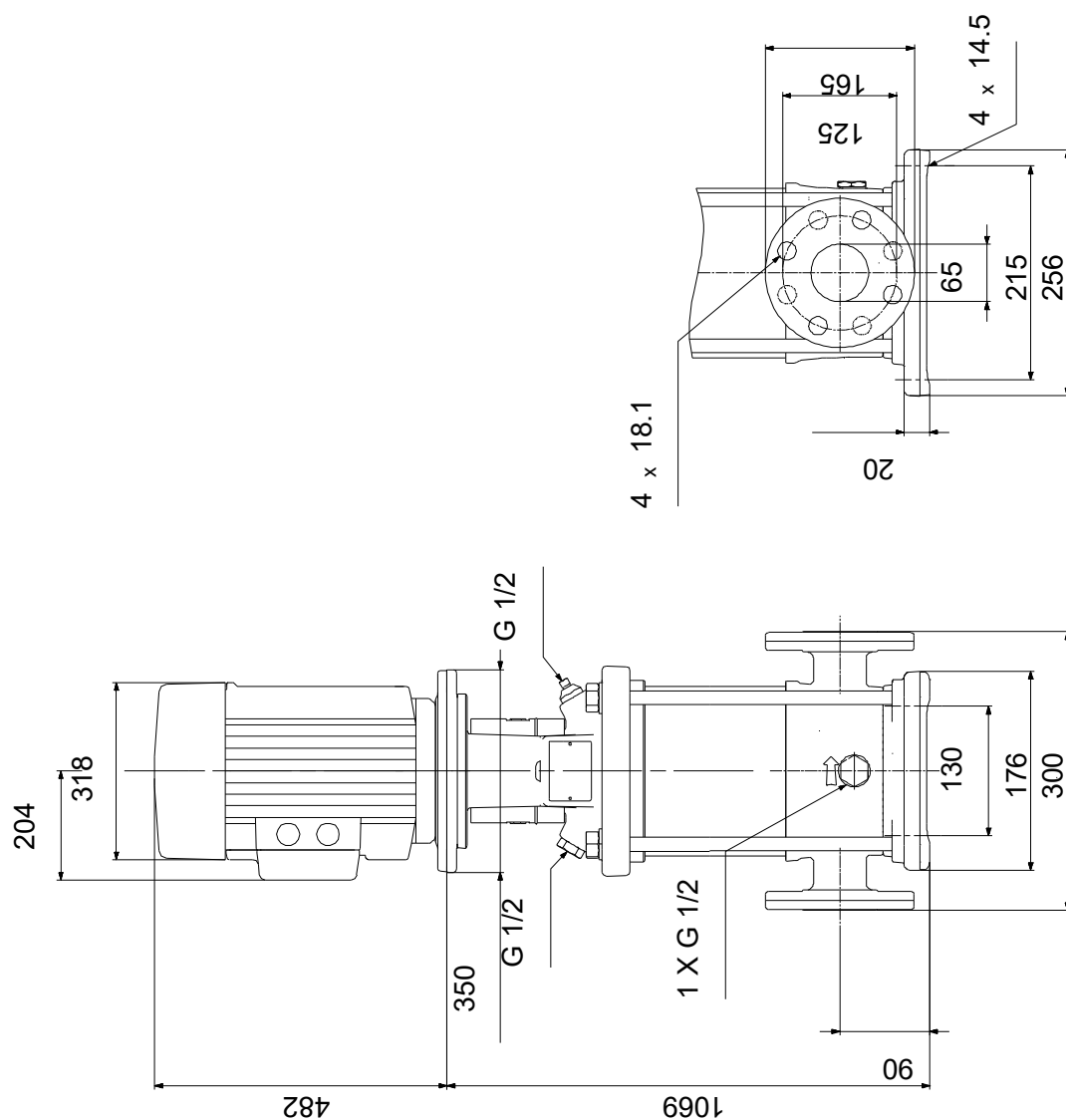
9/9/2026

Description	Value
Motor standard:	IEC
Motor type:	160MD
Rated power - P2:	15 kW
Power (P2) required by pump:	15 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	28,0-26,0/16,2-15,6 A
Starting current:	660-780 %
Cos phi - power factor:	0.89-0.87
Rated speed:	2930-2950 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	91.9 %
Motor efficiency at 3/4 load:	92.4-92.7 %
Motor efficiency at 1/2 load:	92.4-92.3 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17526
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	169 kg
Gross weight:	200 kg
Shipping volume:	0.619 m³
Danish VVS No.:	385905140
Swedish RSK No.:	5823495
Finnish LVI No.:	4925454

96500517 CR 20-14 A-F-A-E-HQQE 50 Hz

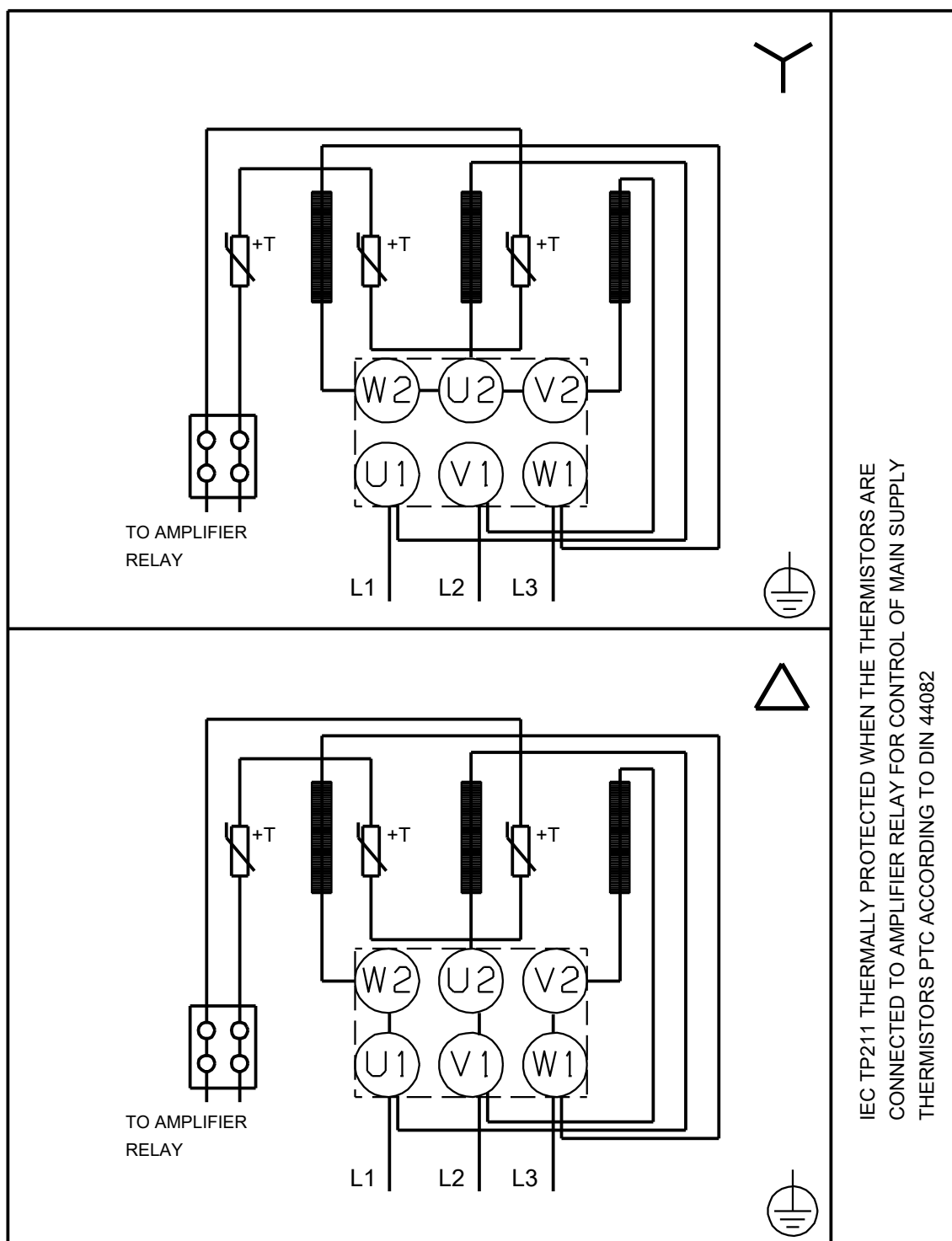


96500517 CR 20-14 A-F-A-E-HQQE 50 Hz



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

96500517 CR 20-14 A-F-A-E-HQQE 50 Hz



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