

Qty.	Description
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1	CR 20-2 A-F-A-E-HQQE
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Note! Product picture may differ from actual product

Product No.: [96500327](#)

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: -20 .. 120 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2899 rpm

Rated flow: 21 m³/h

Rated head: 22 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 Size of inlet connection: DN 50 Size of outlet connection: DN 50 Pressure rating for connection: PN 25 Flange size for motor: FT115 Terminal box position: 6 Electrical data: Motor standard: IEC Motor type: 90LE Rated power - P2: 2.2 kW Power (P2) required by pump: 2.2 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 8.00/4.60 A Starting current: 840-920 % Cos phi - power factor: 0.86-0.80 Rated speed: 2890-2910 rpm IE Efficiency class: IE3 Motor efficiency at full load: 85.9 % Motor efficiency at 3/4 load: 88.2-87.2 % Motor efficiency at 1/2 load: 88.0-85.5 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Dust/Jetting Insulation class (IEC 85): F Built-in motor protection: NONE Motor No: 85U01908 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 53 kg Gross weight: 70 kg



Company name:

Created by:

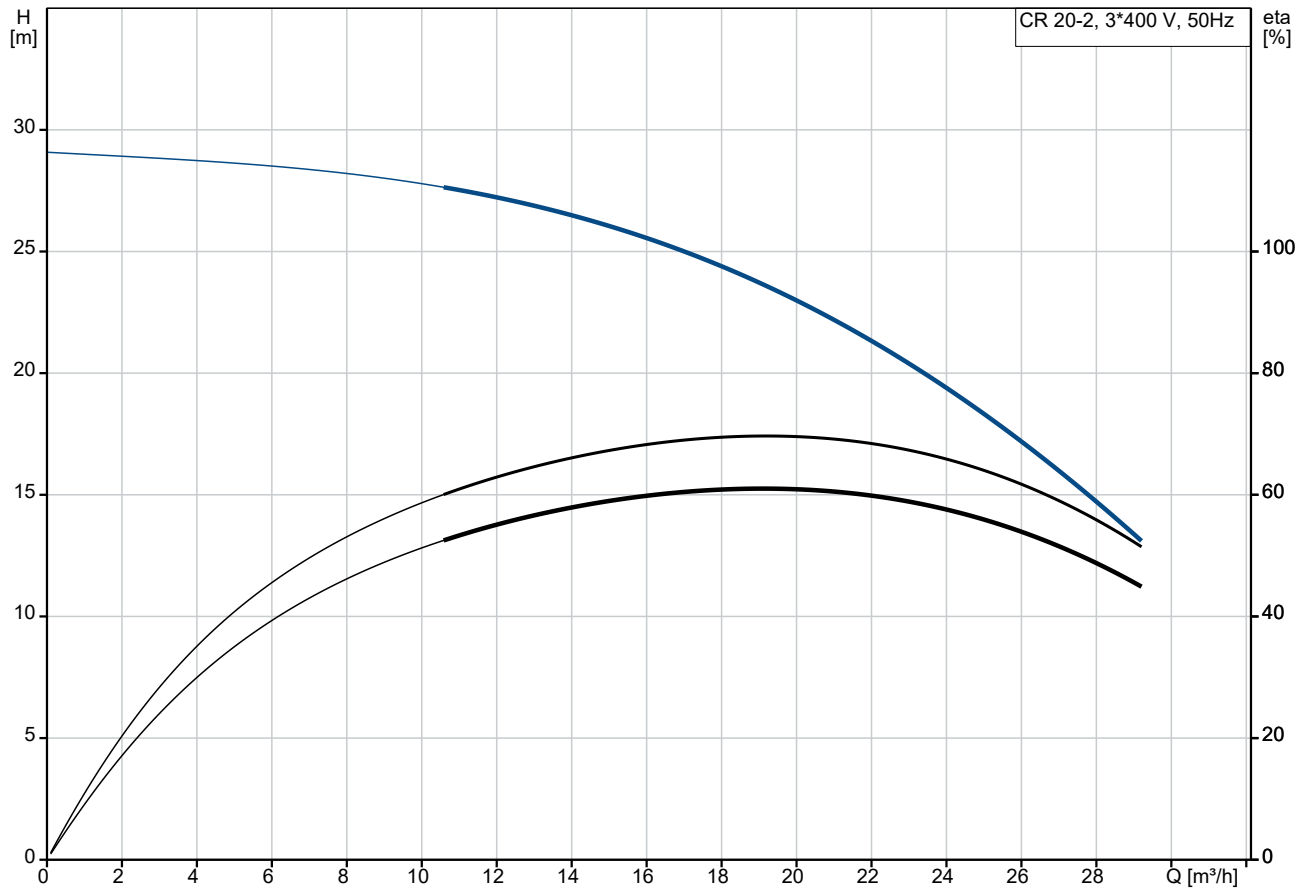
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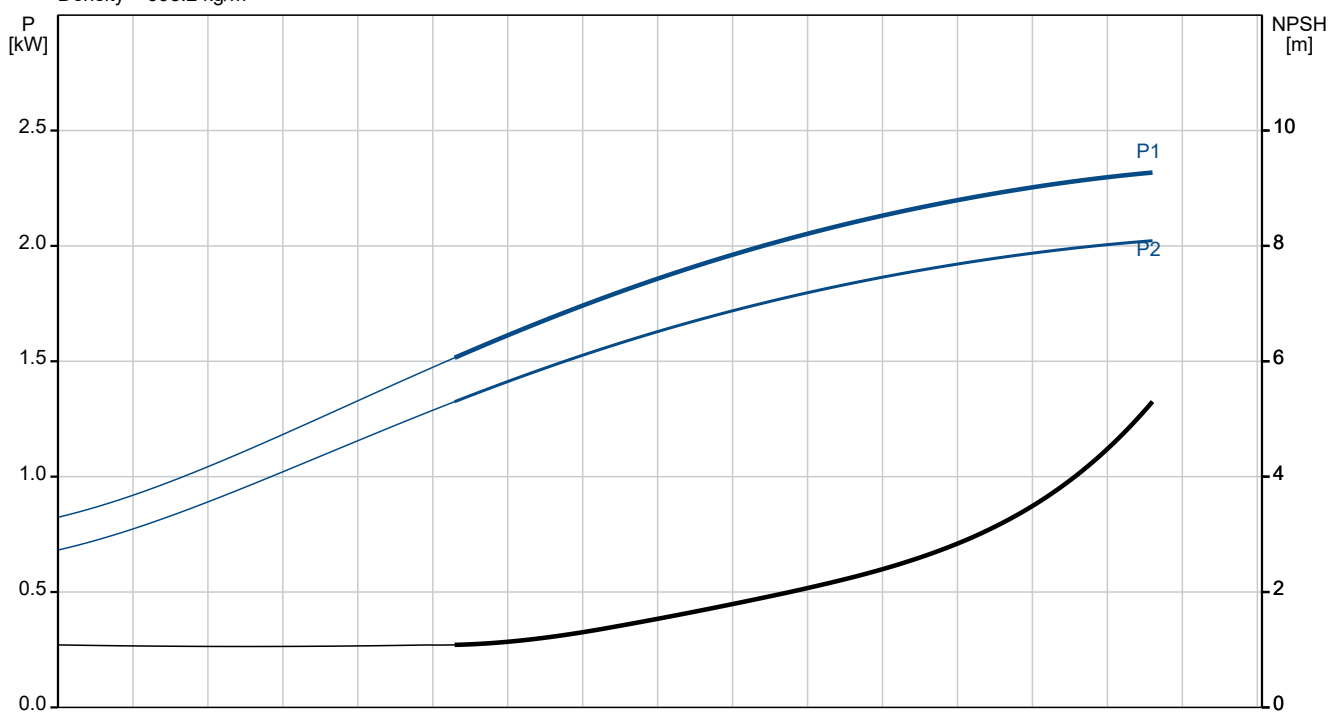
9/9/2026

Qty.	Description
1	Shipping volume: 0.234 m³ Danish VVS No.: 385905320 Swedish RSK No.: 5823486 Finnish LVI No.: 4925445

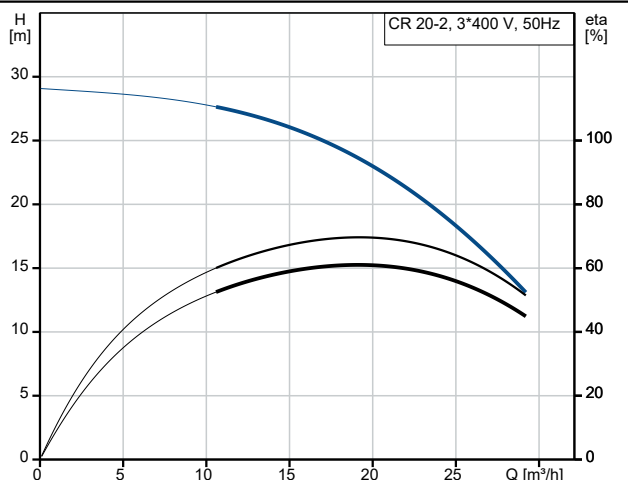
96500327 CR 20-2 A-F-A-E-HQQE 50 Hz



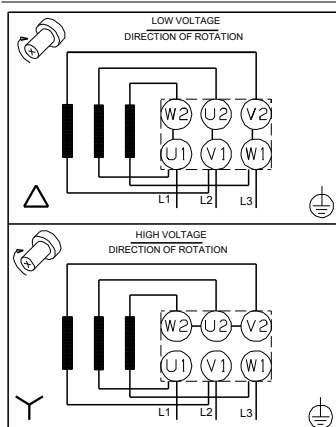
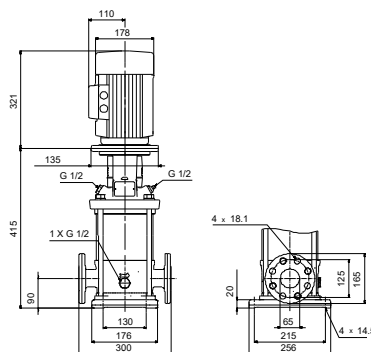
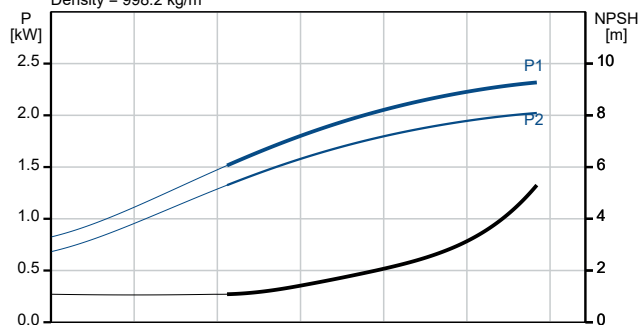
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 20-2 A-F-A-E-HQQE
Product No:	96500327
EAN number:	5700396199504
Price:	
Technical:	
Pump speed on which pump data are based:	2899 rpm
Rated flow:	21 m³/h
Rated head:	22 m
Maximum head:	28.9 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:	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:	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:	FT115
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:

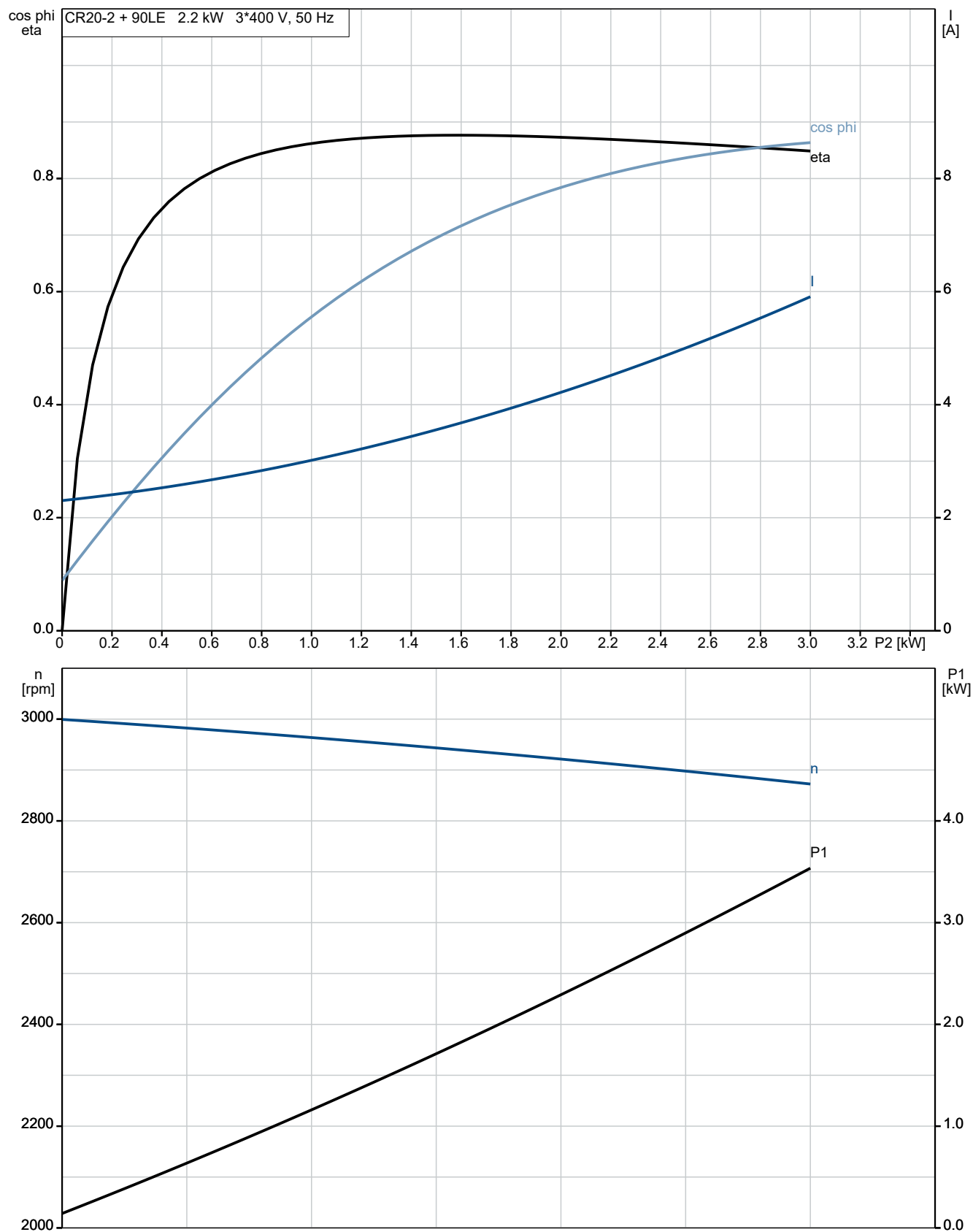
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Date:

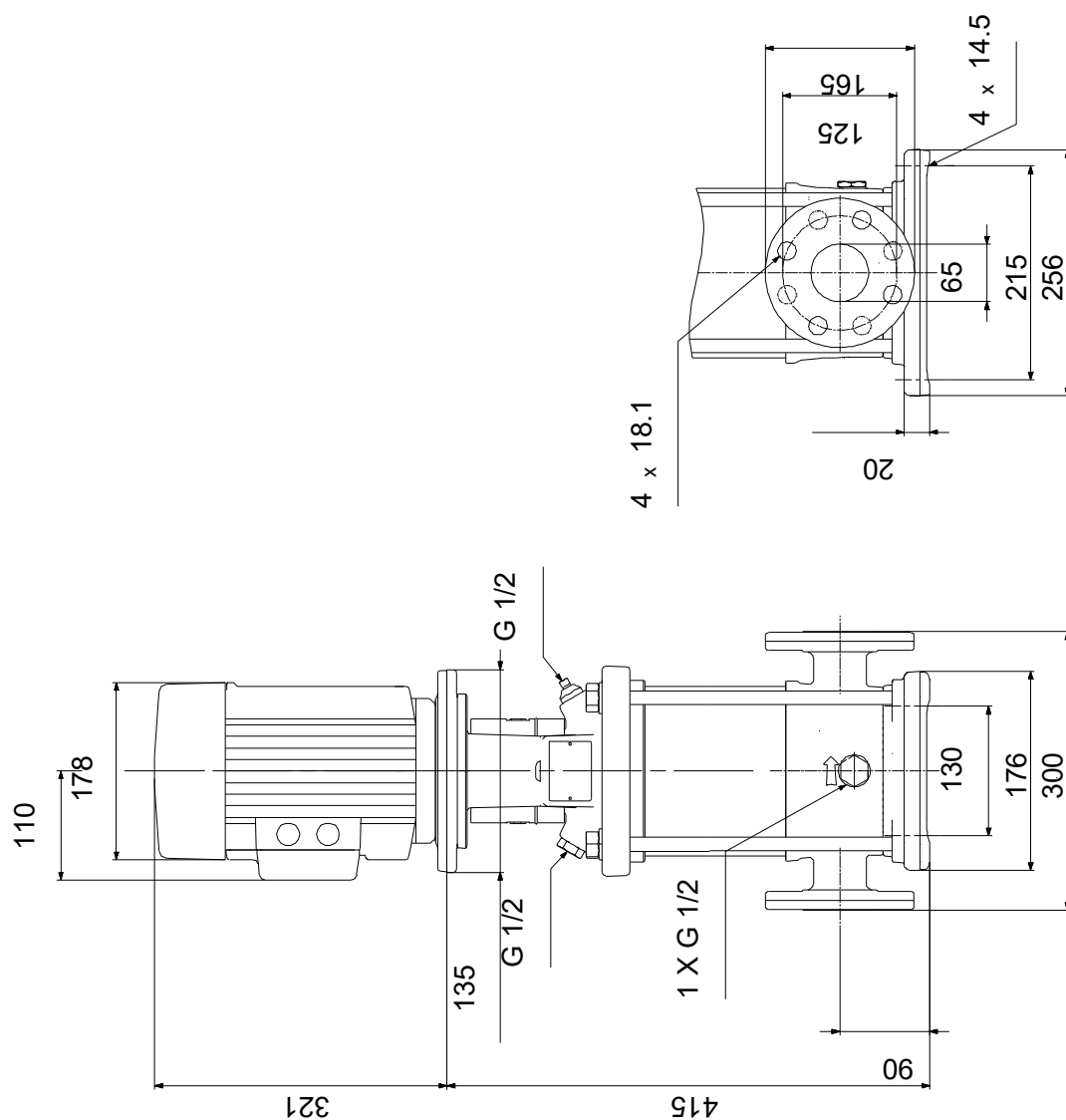
9/9/2026

Description	Value
Motor standard:	IEC
Motor type:	90LE
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	8.00/4.60 A
Starting current:	840-920 %
Cos phi - power factor:	0.86-0.80
Rated speed:	2890-2910 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	85.9 %
Motor efficiency at 3/4 load:	88.2-87.2 %
Motor efficiency at 1/2 load:	88.0-85.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U01908
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	53 kg
Gross weight:	70 kg
Shipping volume:	0.234 m³
Danish VVS No.:	385905320
Swedish RSK No.:	5823486
Finnish LVI No.:	4925445

96500327 CR 20-2 A-F-A-E-HQQE 50 Hz

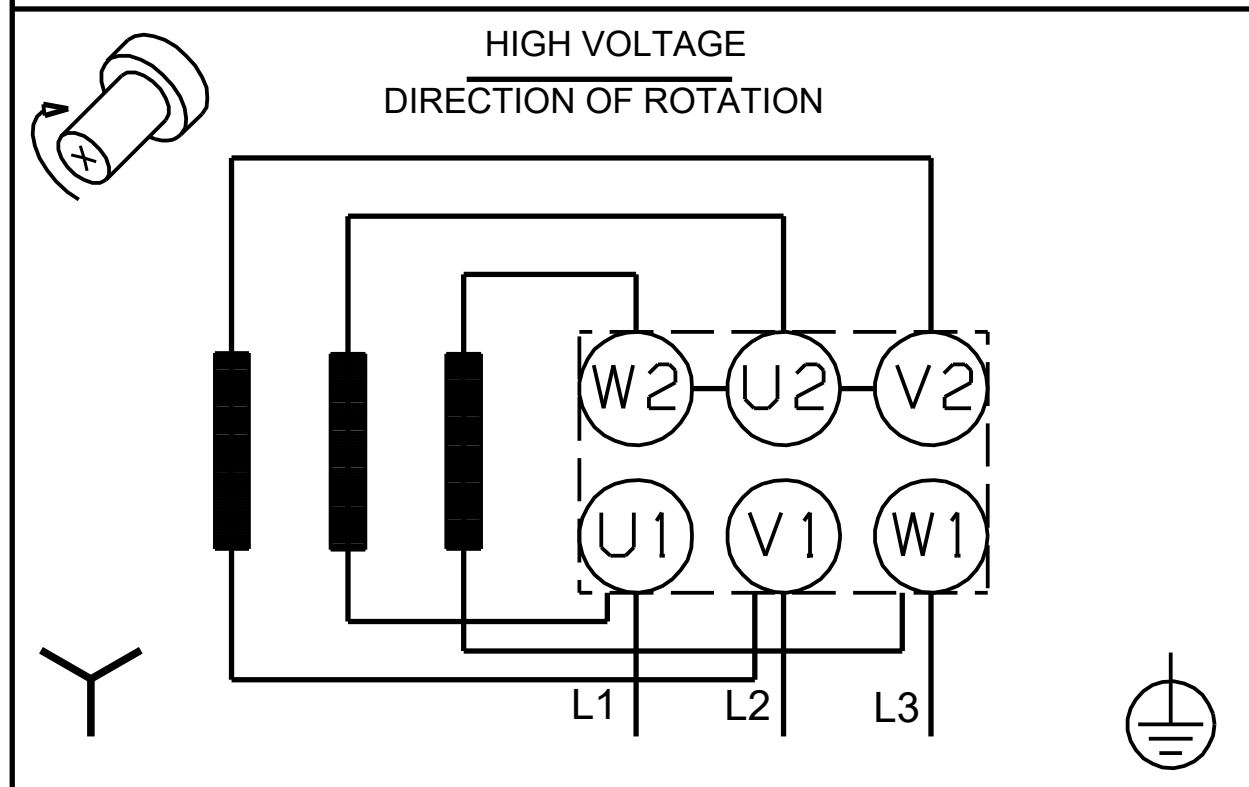
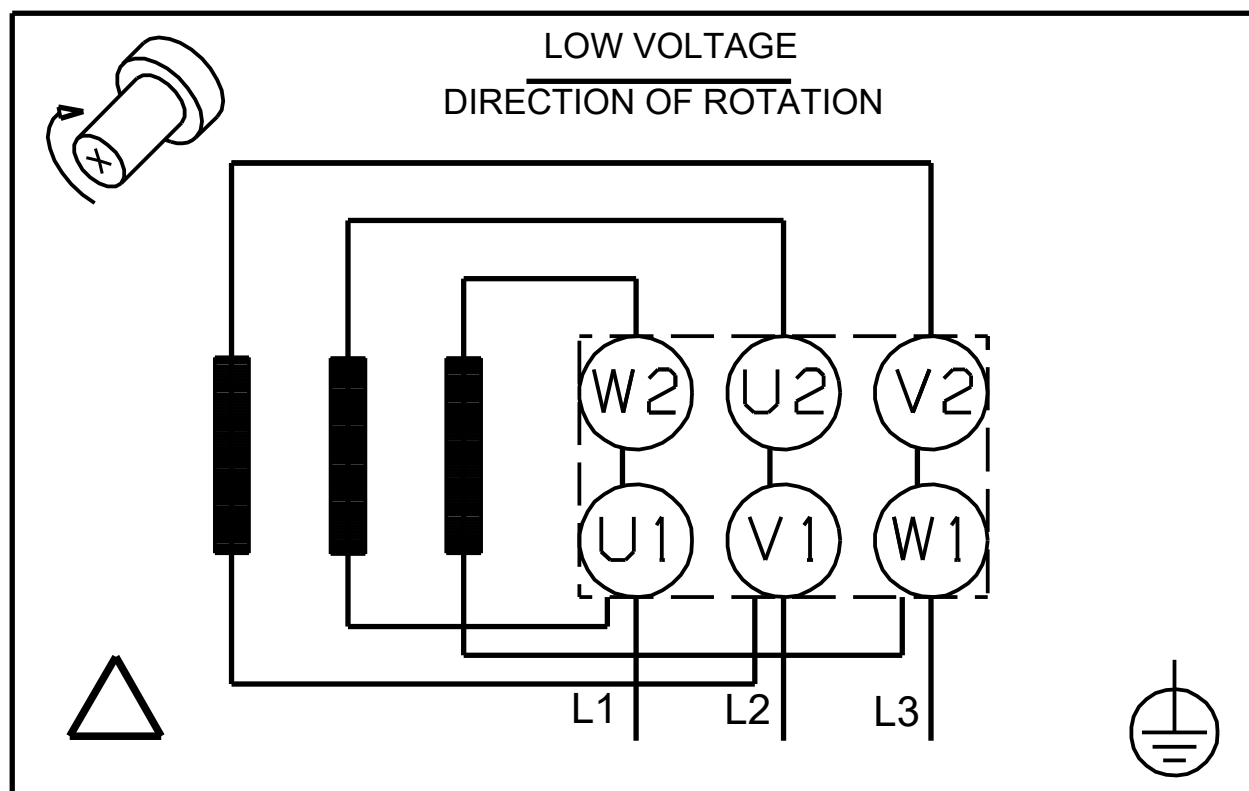


96500327 CR 20-2 A-F-A-E-HQQE 50 Hz



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

96500327 CR 20-2 A-F-A-E-HQQE 50 Hz



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