

CR20-02 A-A-A-E-HQQE 3x400D 50 HZ

Grundfos Pump 96500519



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<https://www.lenntech.com/grundfos/CR020/96500519/CR-20-2-A-A-A-E-HQQE.html>

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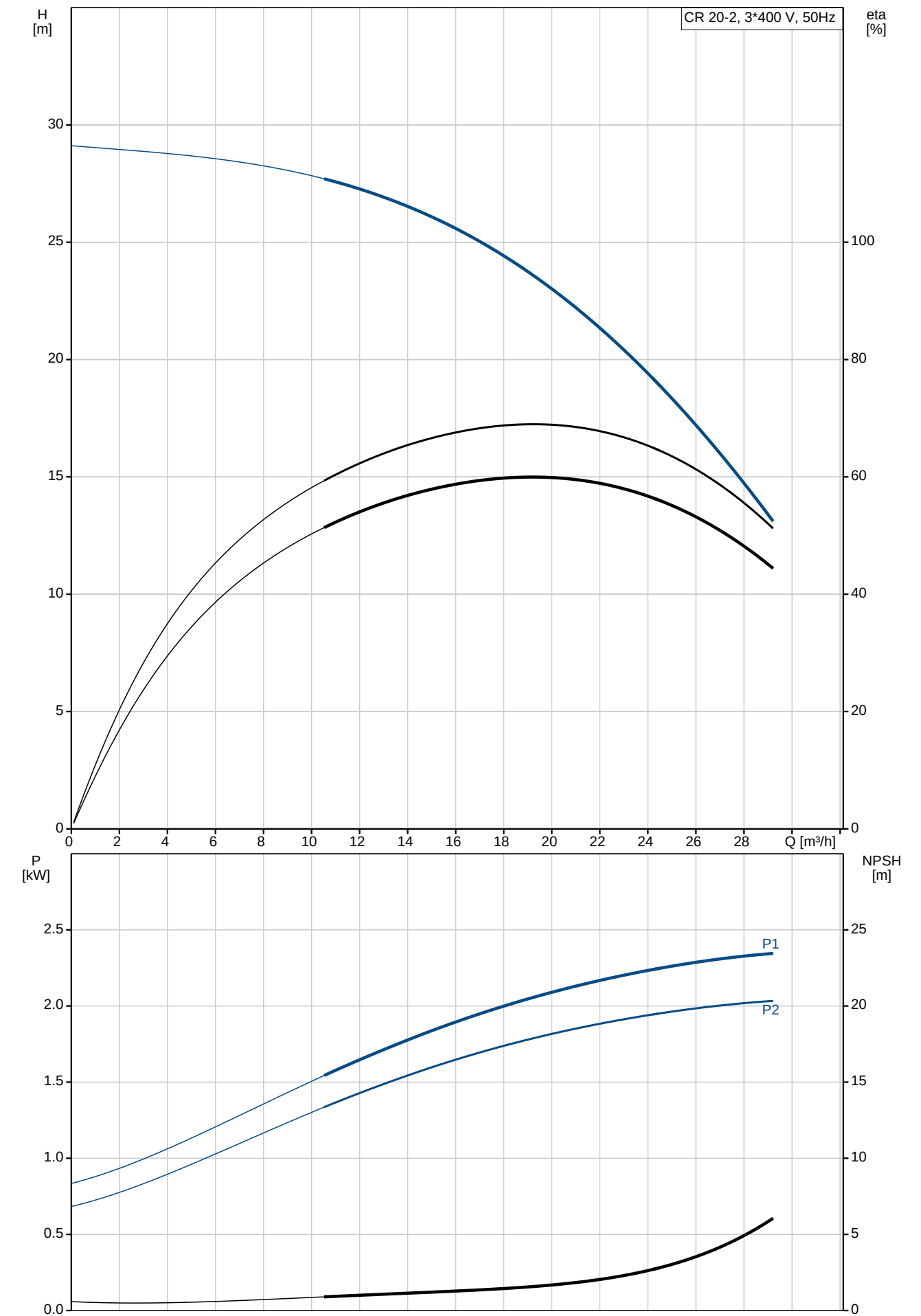
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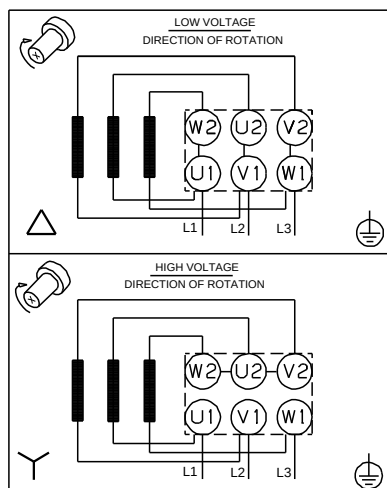
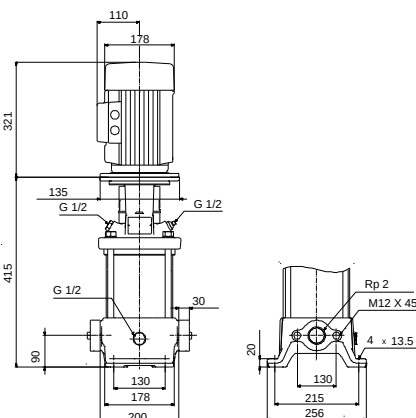
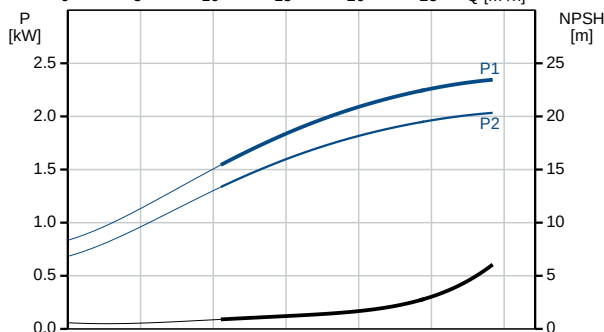
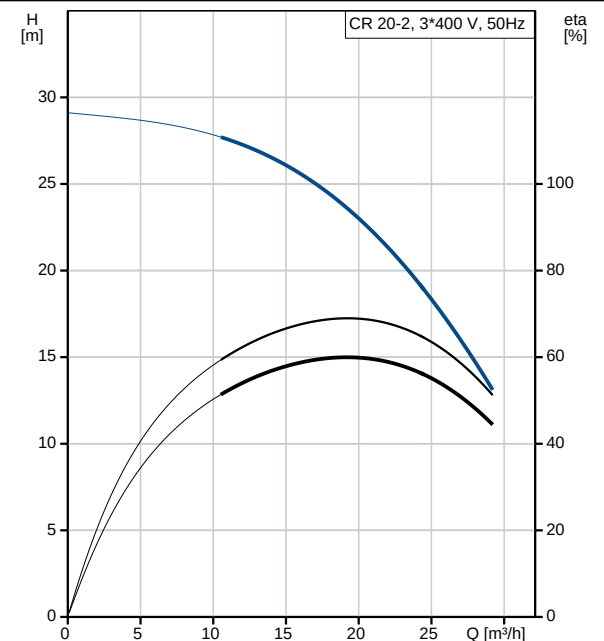
Position	Qty.	Description
	1	CR 20-2 A-A-A-E-HQQE  Product No.: 96500519 Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation. The pump has the following characteristics: - Impellers and intermediate chambers are made of - The shaft seal has assembly length according to EN 12756. - Power transmission is via cast iron split coupling. The motor is a 3-phase AC motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Speed for pump data: 2899 rpm Rated flow: 21 m³/h Rated head: 22 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CE, EAC Curve tolerance: ISO9906:2012 3B Materials: Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar / 120 °C 10 bar / -20 °C Type of connection: Oval / Rp Size of inlet connection: 2 inch Size of outlet connection: 2 inch Pressure rating for pipe connection: PN 10 Flange size for motor: FT115 Electrical data:

Position	Qty.	Description
		Motor standard: IEC Motor type: 90LC IE Efficiency class: IE3 Rated power - P2: 2.2 kW Power (P2) required by pump: 2.2 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V Rated current: 4.45 A Starting current: 850-950 % Cos phi - power factor: 0,89-0,87 Rated speed: 2890-2910 rpm Efficiency: IE3 85,9% Motor efficiency at full load: 85.9 % Motor efficiency at 3/4 load: 86.8 % Motor efficiency at 1/2 load: 86.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Others: Minimum efficiency index, MEI ≥: 0.7 Net weight: 53 kg Gross weight: 56 kg Shipping volume: 0.094 m³

96500519 CR 20-2 50 Hz

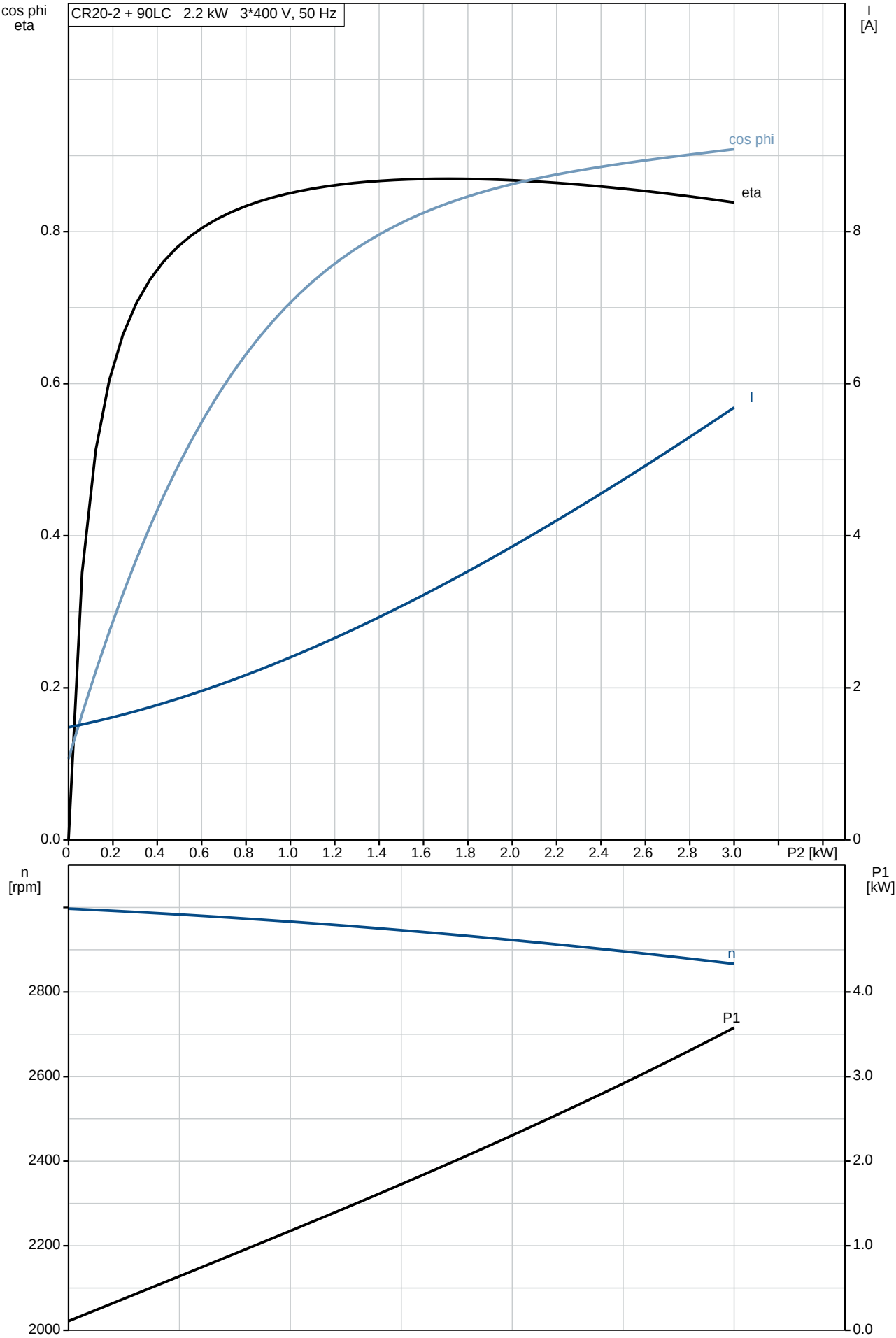


Description	Value
General information:	
Product name:	CR 20-2 A-A-A-E-HQQE
Product No:	96500519
EAN number:	5700396203447
Technical:	
Speed for pump data:	2899 rpm
Rated flow:	21 m³/h
Rated head:	22 m
Stages:	2
Impellers:	2
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Base:	Cast iron
	EN 1561 EN-GJL-200
	ASTM A48-25B
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 120 °C
	10 bar / -20 °C
Type of connection:	Oval / Rp
Connect code:	A
Size of inlet connection:	2 inch
Size of outlet connection:	2 inch
Pressure rating for pipe connection:	PN 10
Flange size for motor:	FT115
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	90LC
IE Efficiency class:	IE3
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0,89-0,87
Rated speed:	2890-2910 rpm
Efficiency:	IE3 85,9%
Motor efficiency at full load:	85.9 %
Motor efficiency at 3/4 load:	86.8 %
Motor efficiency at 1/2 load:	86.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE

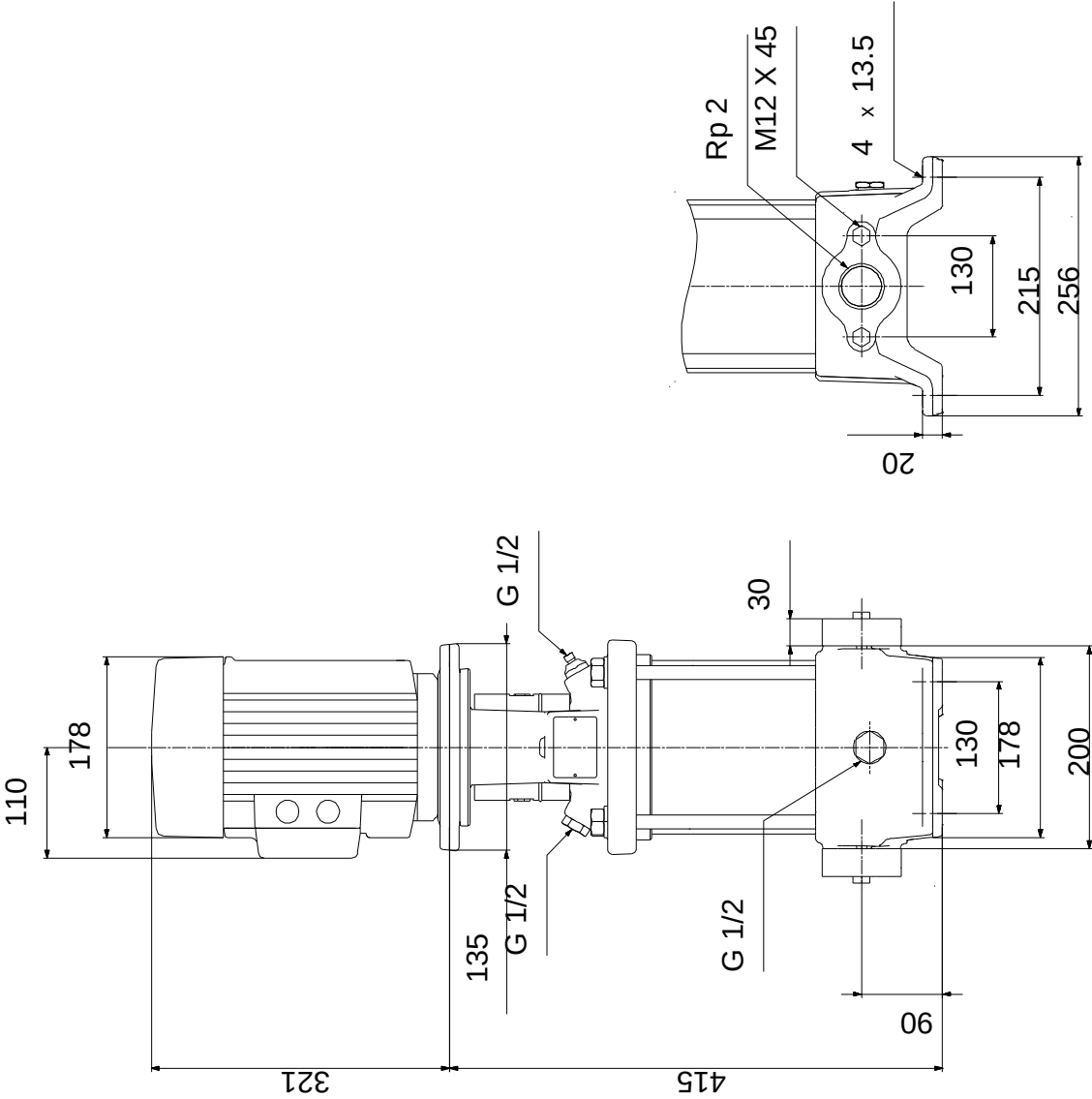


Description	Value
Motor No:	85U15908
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.7
Net weight:	53 kg
Gross weight:	56 kg
Shipping volume:	0.094 m ³

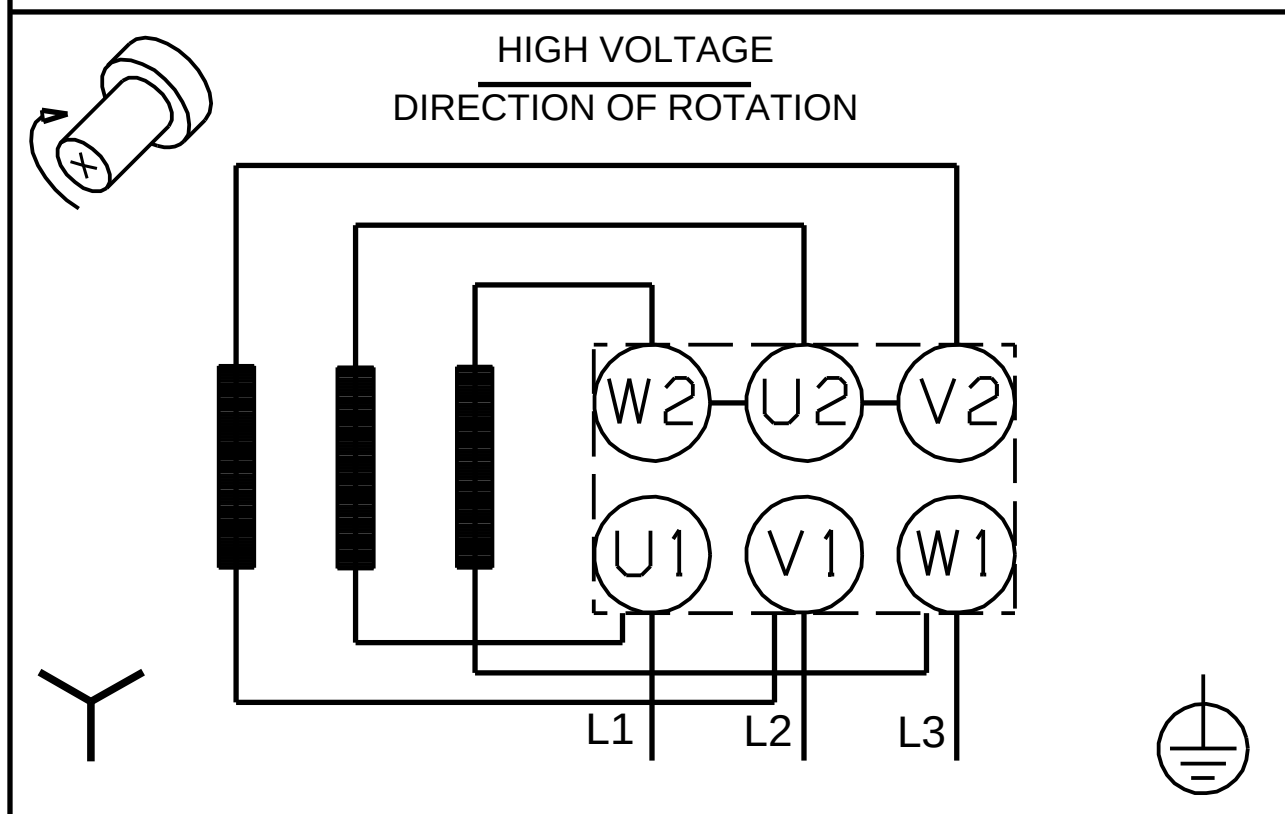
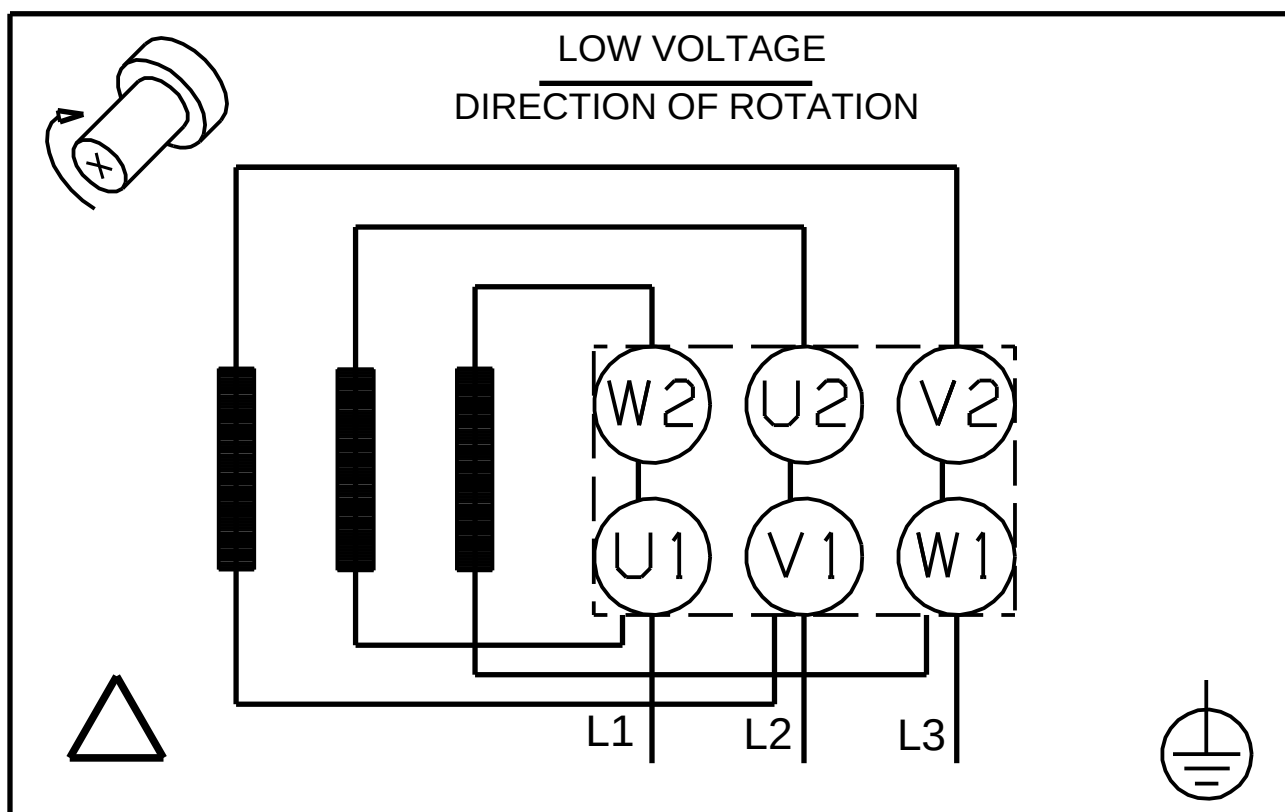
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96500519 CR 20-2 50 Hz



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



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

*Disclaimer: The information about the Grundfos pump in this document may be outdated.
Data may be subject to alterations without further notice.
Please contact us to verify the data above is still accurate/up-to-date.*

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