

Qty.	Description
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1	CRN 5-5 A-P-A-E-HQQE
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Note! Product picture may differ from actual product

Product No.: [96518579](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

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: 3501 rpm
 Rated flow: 6.9 m³/h
 Rated head: 36.5 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQE
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: WRAS,ACS
 Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel
 EN 1.4408
 AISI 316
 Impeller: Stainless steel
 EN 1.4401
 AISI 316
 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: PJE
 Size of inlet connection: DN 32
 Size of outlet connection: DN 32
 Pressure rating for connection: PN 50
 Flange size for motor: FT115

Electrical data:



Company name:

Created by:

Phone:

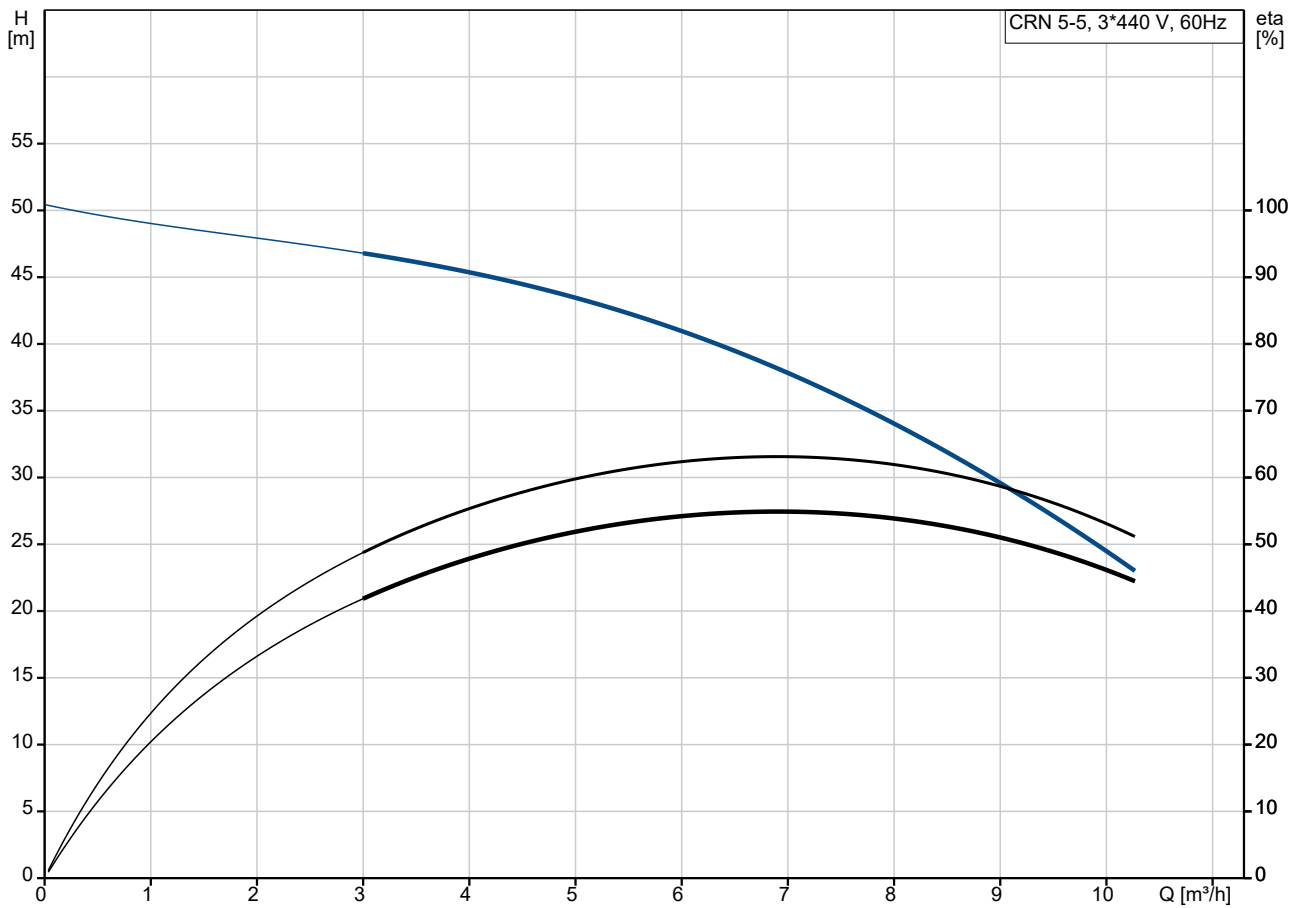
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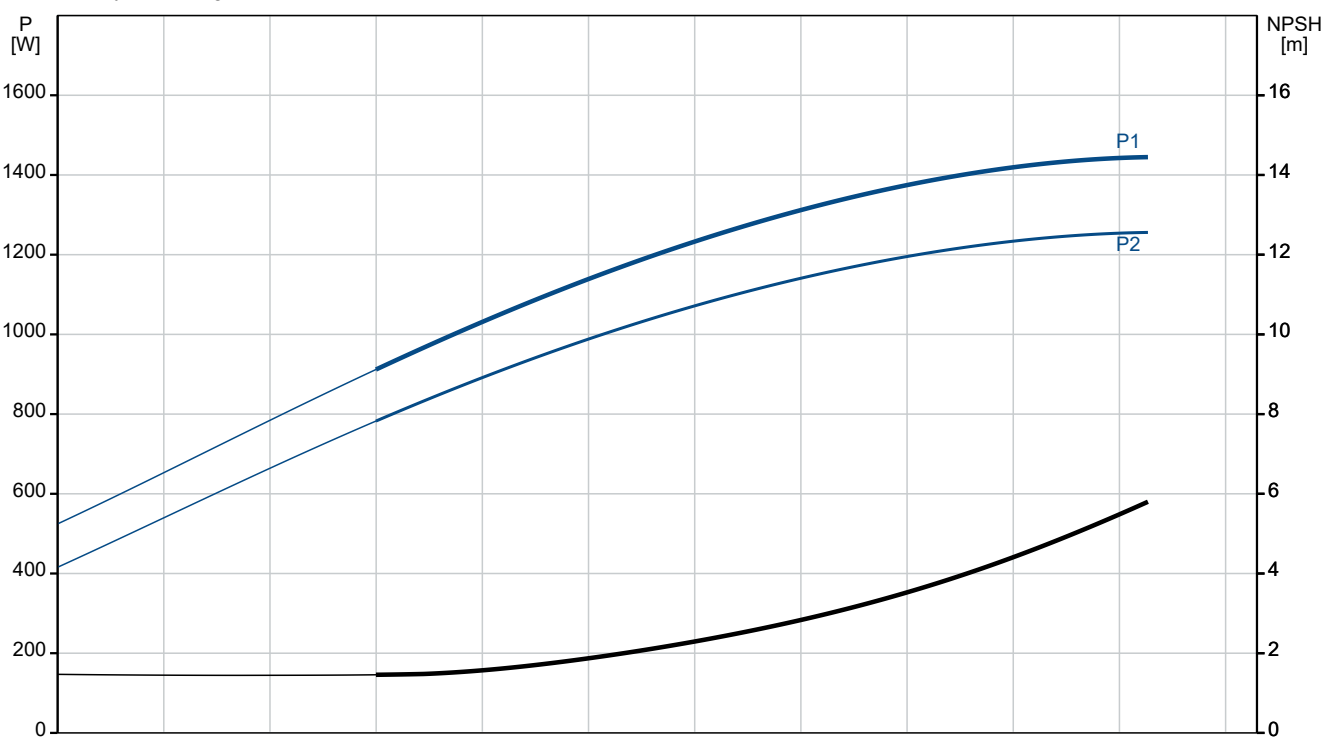
Qty. Description

1	Motor standard:	IEC
	Motor type:	90SD
	Rated power - P2:	1.5 kW
	Power (P2) required by pump:	1.5 kW
	Mains frequency:	60 Hz
	Rated voltage:	3 x 230-277D/400-480Y V
	Rated current:	5,30-5,00/3,05-2,90 A
	Starting current:	780-980 %
	Cos phi - power factor:	0.85-0.75
	Rated speed:	3480-3530 rpm
	IE Efficiency class:	NEMA Premium / IE3 60Hz
	Motor efficiency at full load:	85.5 %
	Motor efficiency at 3/4 load:	87.5-86.3 %
	Motor efficiency at 1/2 load:	87.1-83.7 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U01906
	Controls:	
	Frequency converter:	None
	Others:	
	Terminal box position:	6
	Minimum efficiency index, MEI ≥:	0.57
	Net weight:	29 kg
	Gross weight:	31.9 kg
	Shipping volume:	0.074 m ³
	Country of origin:	TW
	Custom tariff no.:	8413700000

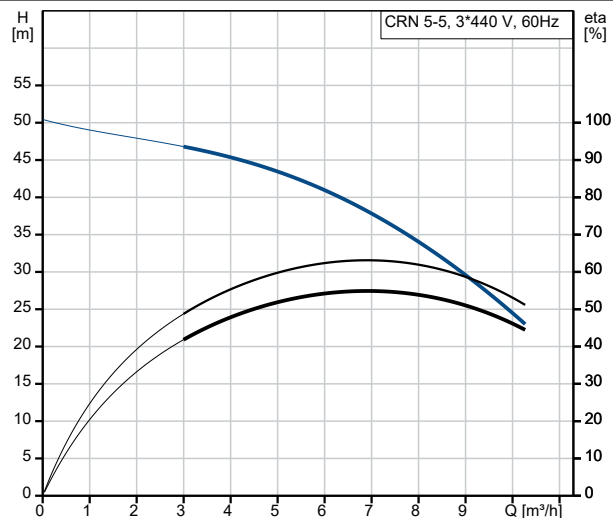
96518579 CRN 5-5 A-P-A-E-HQQE 60 Hz



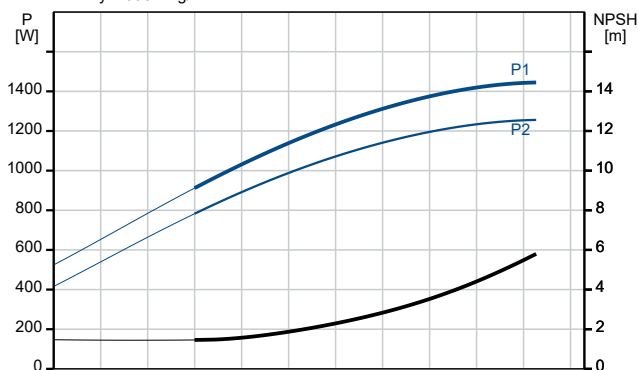
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CRN 5-5 A-P-A-E-HQQE
Product No:	96518579
EAN number:	5700396785899
Technical:	
Pump speed on which pump data are based:	3501 rpm
Rated flow:	6.9 m³/h
Rated head:	36.5 m
Maximum head:	51.5 m
Stages:	5
Impellers:	5
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
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
Materials:	
Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	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
Max pressure at stated temp:	25 bar / -20 °C
Type of connection:	PJE
Size of inlet connection:	DN 32
Size of outlet connection:	DN 32
Pressure rating for connection:	PN 50
Flange size for motor:	FT115
Connect code:	P
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	90SD
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	60 Hz
Rated voltage:	3 x 230-277D/400-480Y V
Rated current:	5,30-5,00/3,05-2,90 A
Starting current:	780-980 %



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





Company name:

Created by:

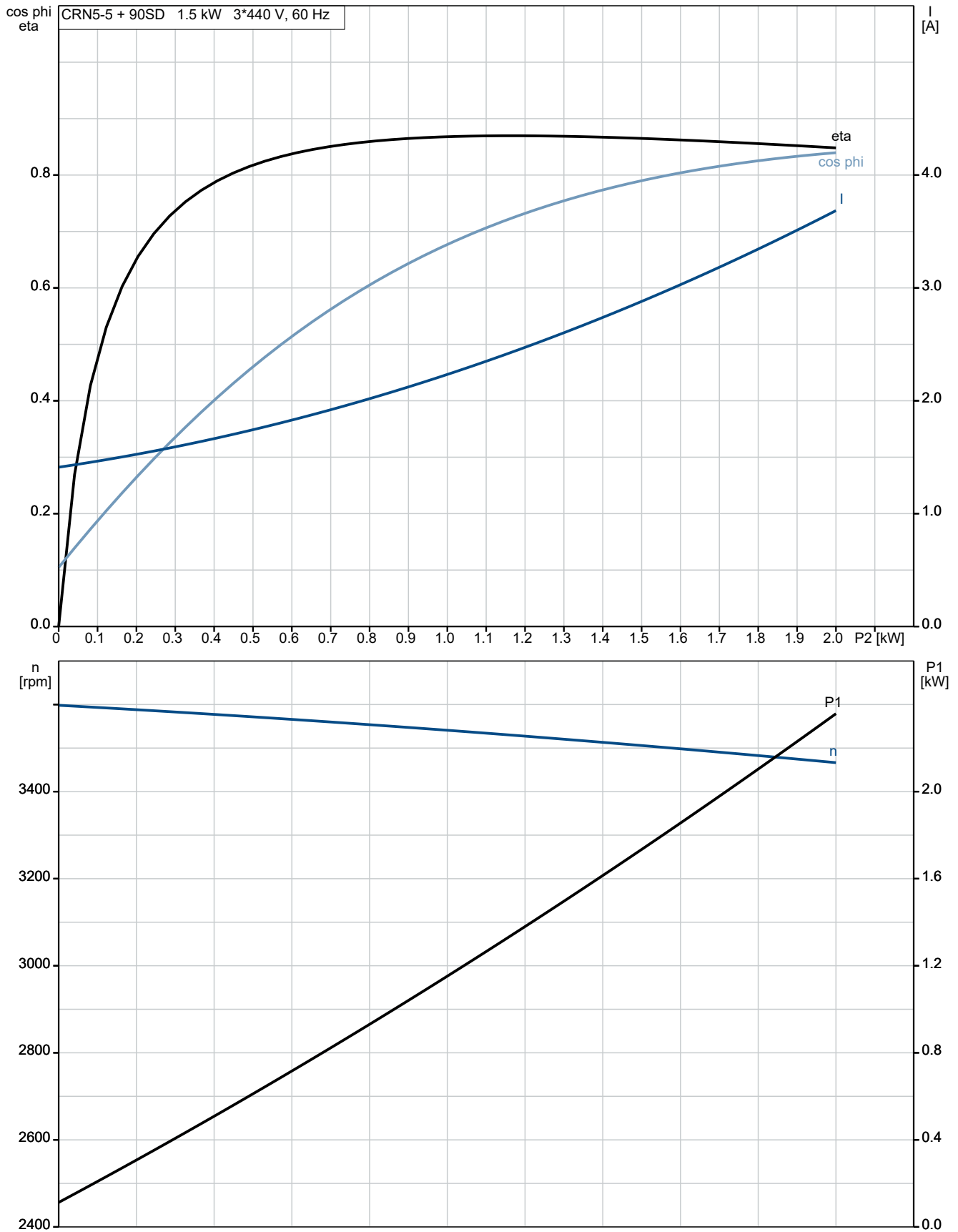
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Date:

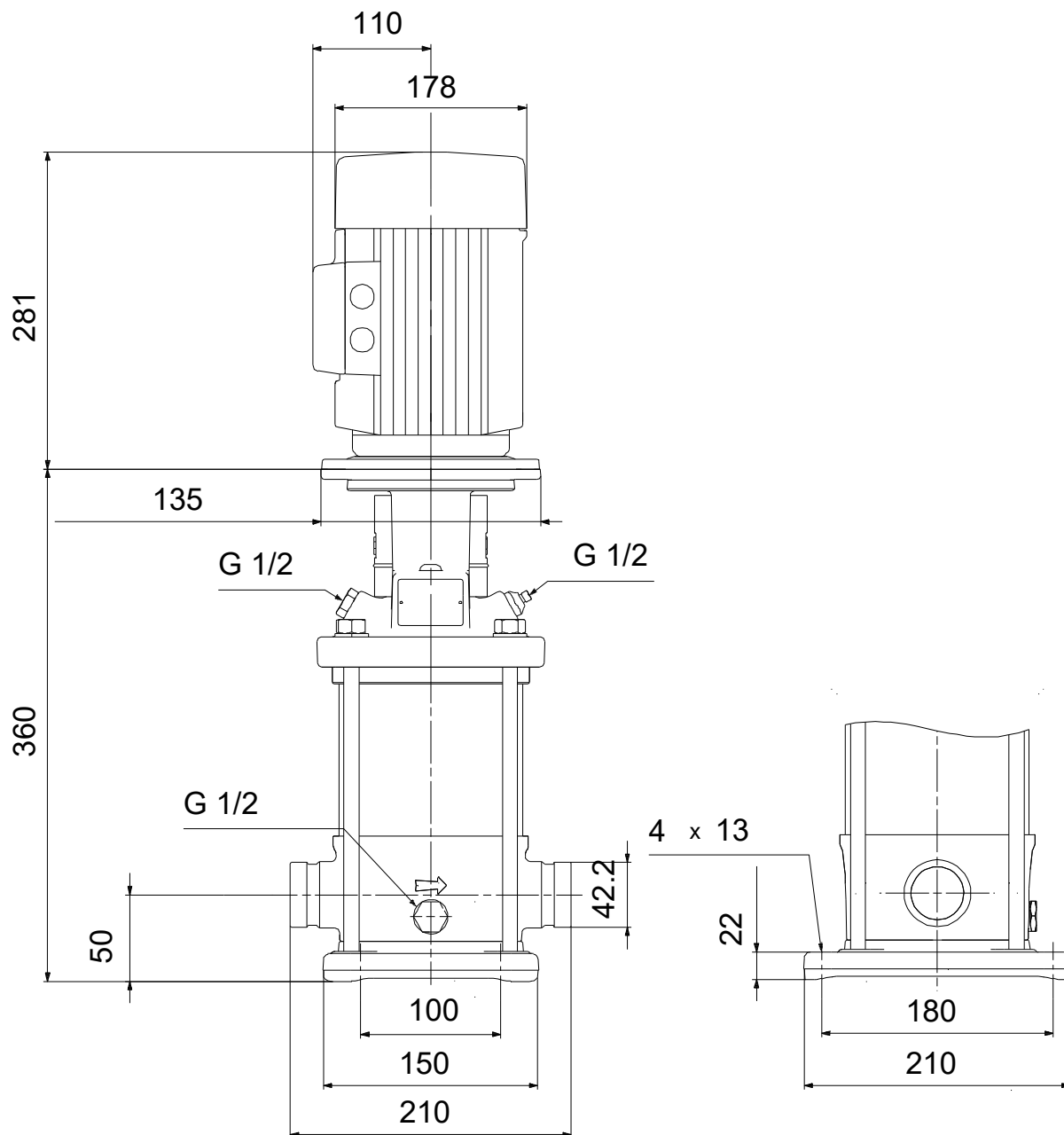
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Description	Value
Cos phi - power factor:	0.85-0.75
Rated speed:	3480-3530 rpm
IE Efficiency class:	NEMA Premium / IE3 60Hz
Motor efficiency at full load:	85.5 %
Motor efficiency at 3/4 load:	87.5-86.3 %
Motor efficiency at 1/2 load:	87.1-83.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U01906
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.57
Net weight:	29 kg
Gross weight:	31.9 kg
Shipping volume:	0.074 m ³
Country of origin:	TW
Custom tariff no.:	8413700000

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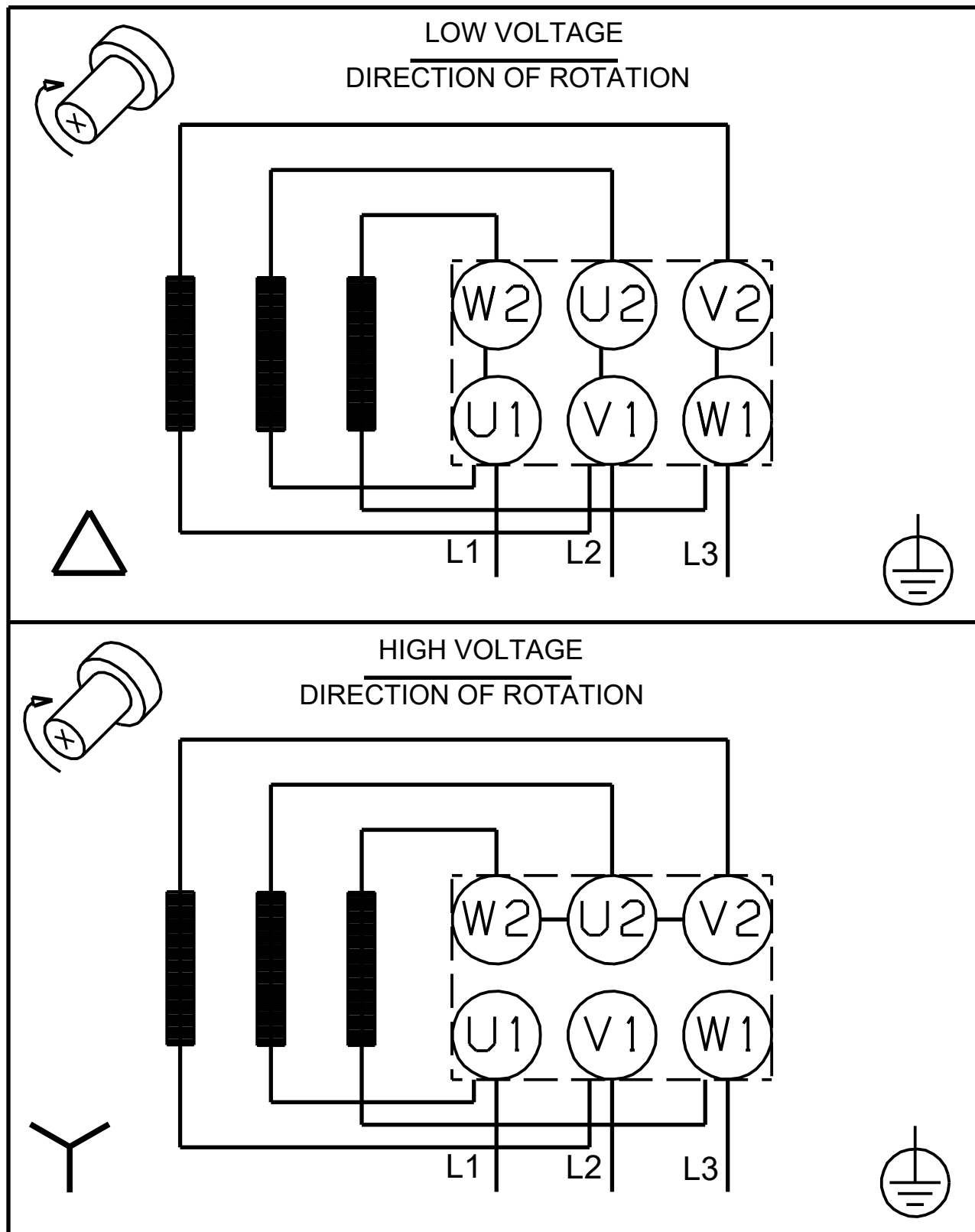
96518579 CRN 5-5 A-P-A-E-HQQE 60 Hz



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

Disclaimer: This simplified dimensional drawing does not show all details.

96518579 CRN 5-5 A-P-A-E-HQQE 60 Hz



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