



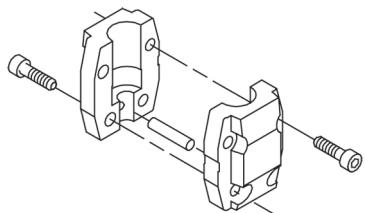
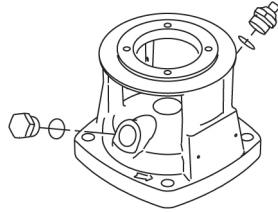
Company name:

Created by:

Phone:

Date:

13/01/2026

Qty.	Description
1	<p>CR 5-5 A-A-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: On request</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Further product details</p> <p>Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition (CED) process.</p> <p>CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.</p> <p>An integral part of the process is a pretreatment.</p> <p>The entire process consists of these elements:</p> <ol style="list-style-type: none">1) Alkaline-based cleaning.2) Zinc phosphating.3) Cathodic electro-deposition.4) Curing to a dry film thickness 18-22 µm. <p>The colour code for the finished product is NCS 9000/RAL 9005.</p> <p>Pump</p> <p>A standard split coupling connects the pump and motor shaft. It is enclosed in the pump head/motor stool by means of two coupling guards.</p>  <p>The pump head, pump head cover and flange for motor mounting is made in one piece. The pump head has a combined 1/2" priming plug and vent screw.</p>  <p>The pump is fitted with a balanced O-ring seal unit with a rigid torque-transmission system. This seal type is assembled in a cartridge unit which makes replacement safe and easy.</p>



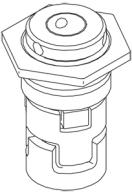
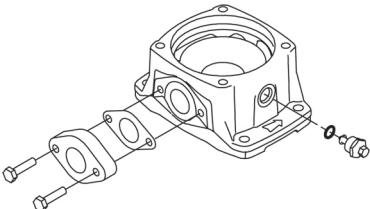
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1	<p>Due to the balancing, this seal type is suitable for high-pressure applications. The cartridge construction also protects the pump shaft from possible wear from a dynamic O-ring between pump shaft and shaft seal.</p> <p>Seal faces:</p> <ul style="list-style-type: none">• Rotating seal ring material: silicon carbide (SiC)• Stationary seat material: silicon carbide (SiC) <p>This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.</p> <p>Secondary seal material: EPDM (ethylene-propylene rubber) EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.</p>  <p>The shaft seal is screwed into the pump head.</p> <p>The chambers and impellers are made of stainless-steel sheet. The chambers are provided with a PTFE neck ring offering improved sealing and high efficiency. The impellers have smooth surfaces, and the shape of the blades ensure a high efficiency.</p> <p>The base is made of cast iron. The oval flanges are bolted to the base. The outlet side of the base has a combined drain plug and bypass valve. The pump is secured to the foundation by four bolts through the base plate.</p>  <h3>Motor</h3> <p>The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.</p> <p>The motor efficiency is classified as IE2 in accordance with IEC 60034-30.</p> <p>The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (I1/1).</p> <h3>Technical data</h3> <p>Liquid:</p> <table><tbody><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></tbody></table> <p>Technical:</p> <table><tbody><tr><td>Pump speed on which pump data are based:</td><td>1410 rpm</td></tr><tr><td>Rated flow:</td><td>2.9 m³/h</td></tr><tr><td>Rated head:</td><td>5.8 m</td></tr></tbody></table>	Pumped liquid:	Water	Liquid temperature range:	-20 .. 120 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m³	Pump speed on which pump data are based:	1410 rpm	Rated flow:	2.9 m³/h	Rated head:	5.8 m
Pumped liquid:	Water														
Liquid temperature range:	-20 .. 120 °C														
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Qty.	Description
1	<p>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</p> <p>Materials: Type key, code for materials: A Type key, code for rubber components. E = EPDM, V=FKM: E Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC</p> <p>Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C 16 bar / -20 °C Type of connection: Oval / Rp Size of inlet connection: 1 1/4 inch Size of outlet connection: 1 1/4 inch Pressure rating for connection: PN 16 Flange size for motor: FT85 Terminal box position: 6</p> <p>Electrical data: Motor standard: IEC Motor type: 71A Rated power - P2: 0.25 kW Power (P2) required by pump: 0.25 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,30-1,42/0,75-0,82 A Starting current: 410 % Cos phi - power factor: 0.73-0.64 Rated speed: 1410-1430 rpm IE Efficiency class: IE2 Motor efficiency at full load: 72.4-70.0 % Motor efficiency at 3/4 load: 72.6-67.3 % Motor efficiency at 1/2 load: 68.3-60.0 % Number of poles: 4</p>



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Qty.	Description
1	<p>Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 99928151</p> <p>Controls: Terminal box position: 6 Frequency converter: None</p> <p>Others: Minimum efficiency index, MEI ≥: 0.57 Net weight: 19.7 kg Gross weight: 22.4 kg Shipping volume: 0.063 m³</p>



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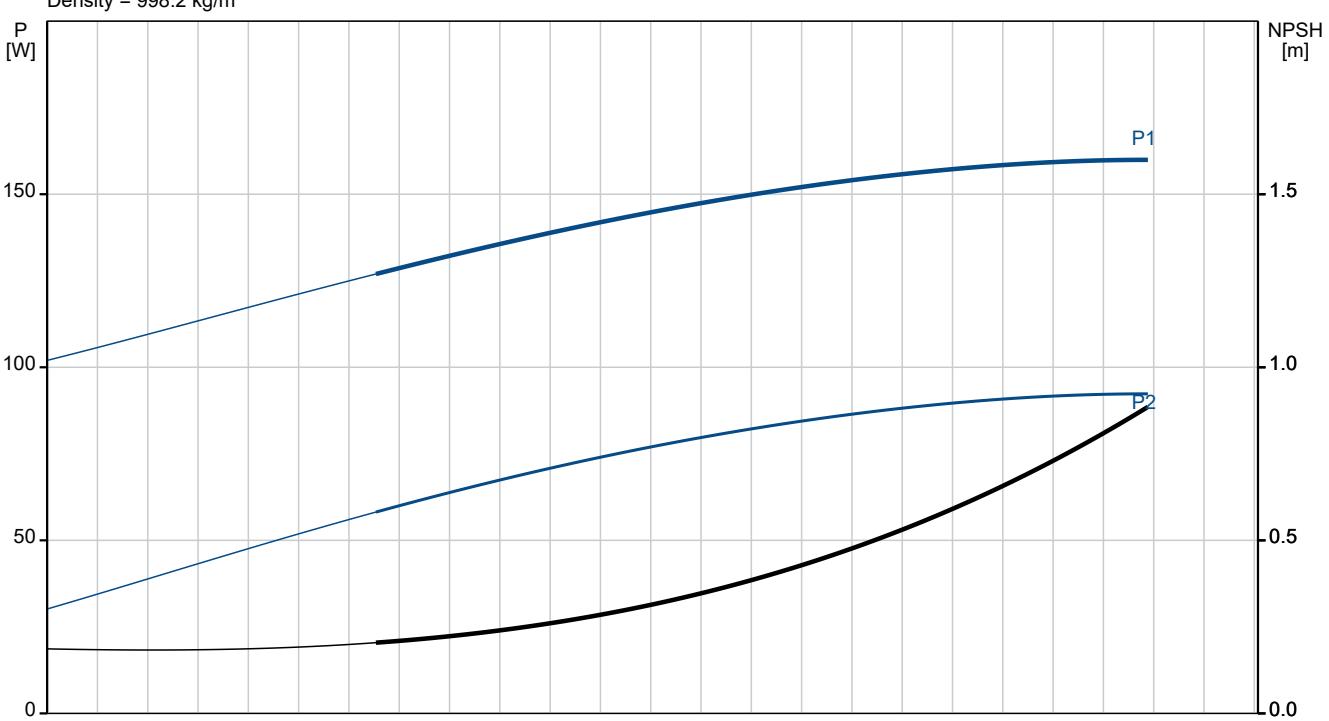
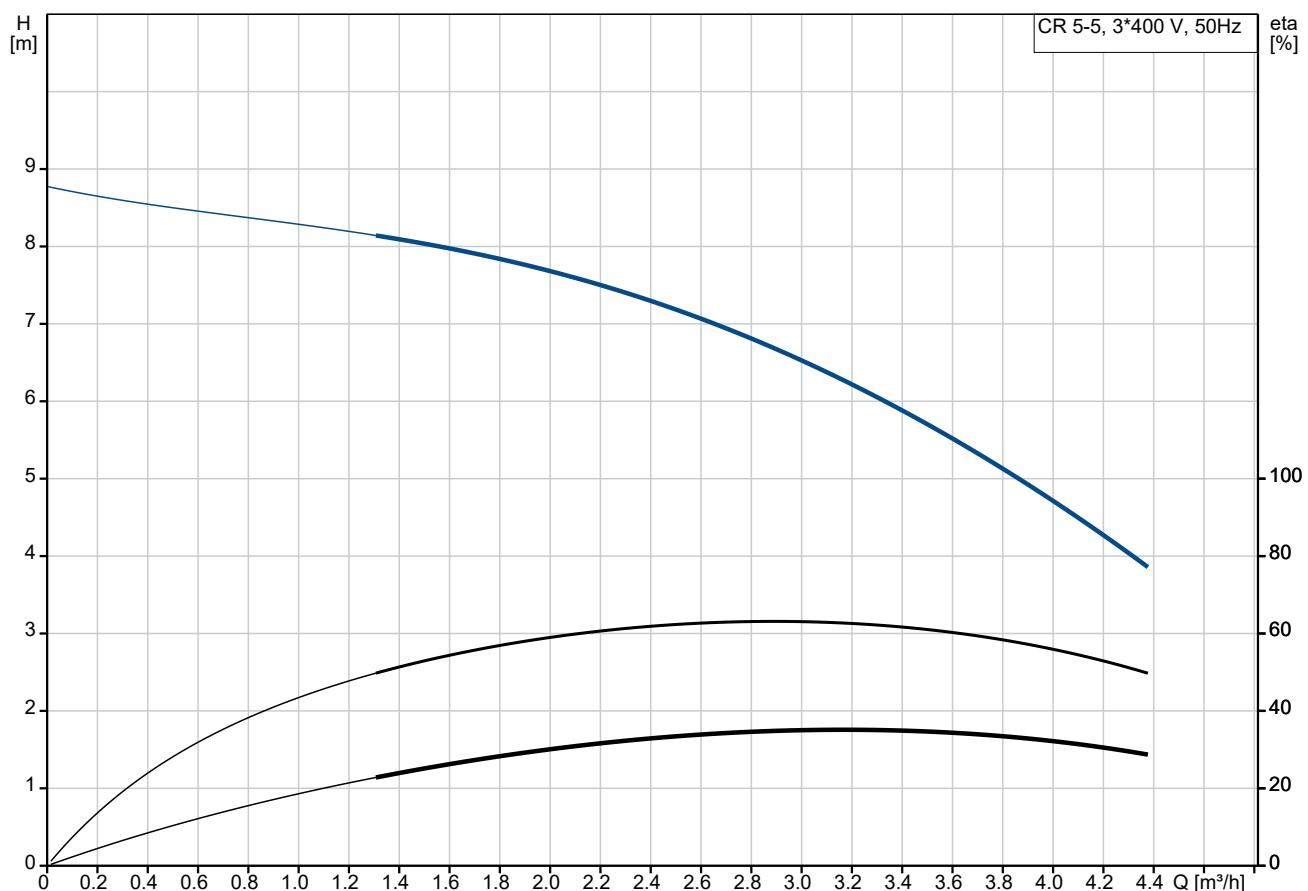
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On request CR 5-5 A-A-A-E-HQQE 50 Hz





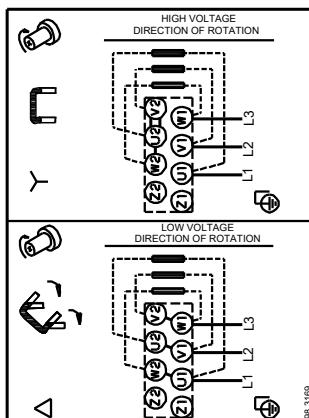
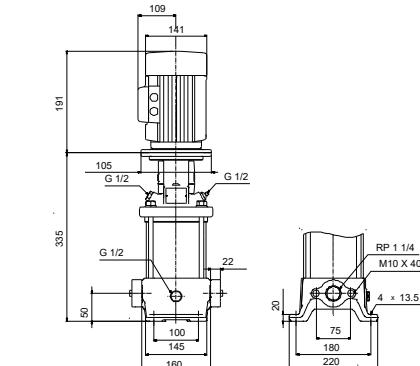
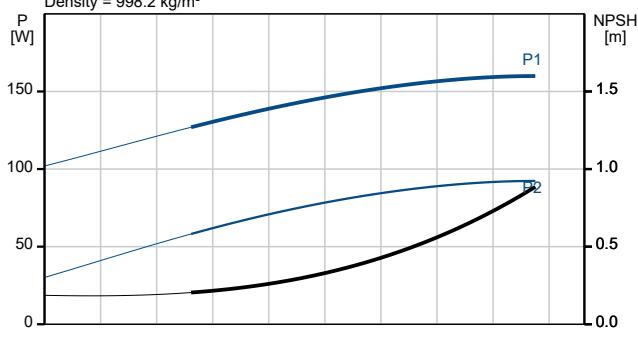
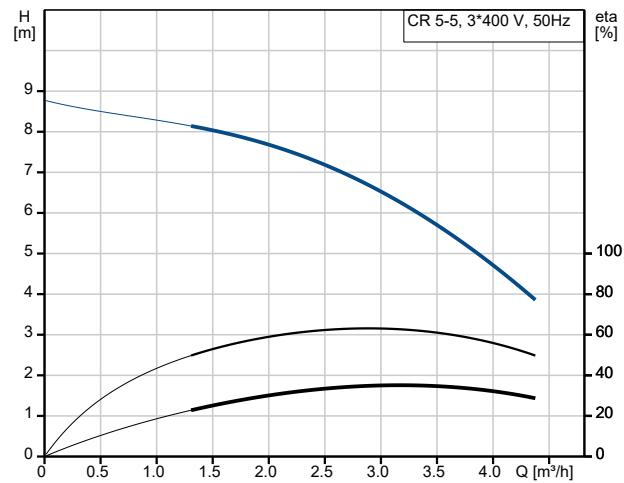
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Description	Value
General information:	
Product name:	CR 5-5 A-A-A-E-HQQE
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1410 rpm
Rated flow:	2.9 m ³ /h
Rated head:	5.8 m
Maximum head:	8.4 m
Stages:	5
Impellers:	5
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,R CM,
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Type key, code for materials:	A
Type key, code for rubber components.	E
E = EPDM, V=FKM:	
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:	40 °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:	A
Type of connection:	Oval / Rp
Size of inlet connection:	1 1/4 inch
Size of outlet connection:	1 1/4 inch
Pressure rating for connection:	PN 16
Flange size for motor:	FT85
Terminal box position:	6
Connect code:	A
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC





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Description	Value
Motor type:	71A
Rated power - P2:	0.25 kW
Power (P2) required by pump:	0.25 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	1,30-1,42/0,75-0,82 A
Starting current:	410 %
Cos phi - power factor:	0.73-0.64
Rated speed:	1410-1430 rpm
IE Efficiency class:	IE2
Motor efficiency at full load:	72.4-70.0 %
Motor efficiency at 3/4 load:	72.6-67.3 %
Motor efficiency at 1/2 load:	68.3-60.0 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	99928151
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.57
Net weight:	19.7 kg
Gross weight:	22.4 kg
Shipping volume:	0.063 m ³



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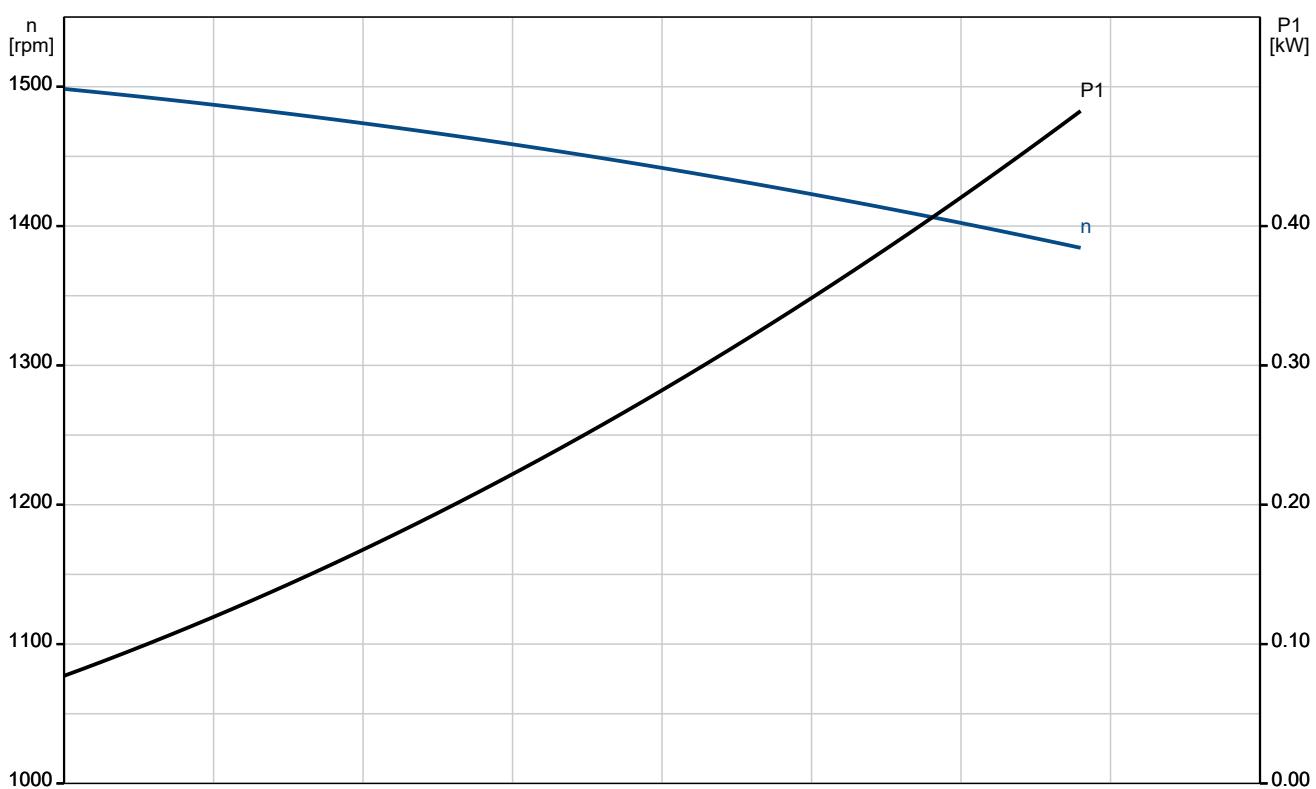
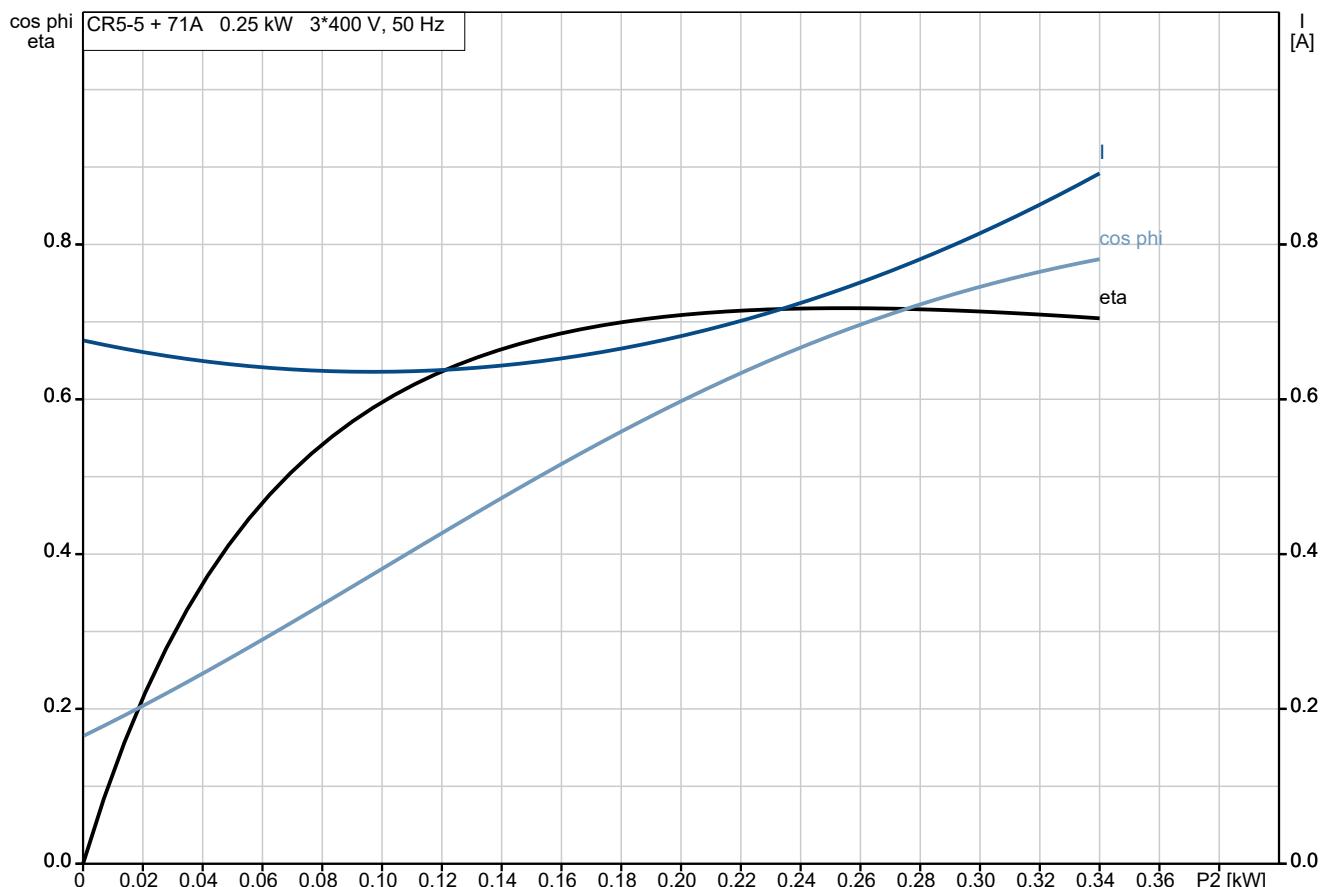
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On request CR 5-5 A-A-A-E-HQQE 50 Hz





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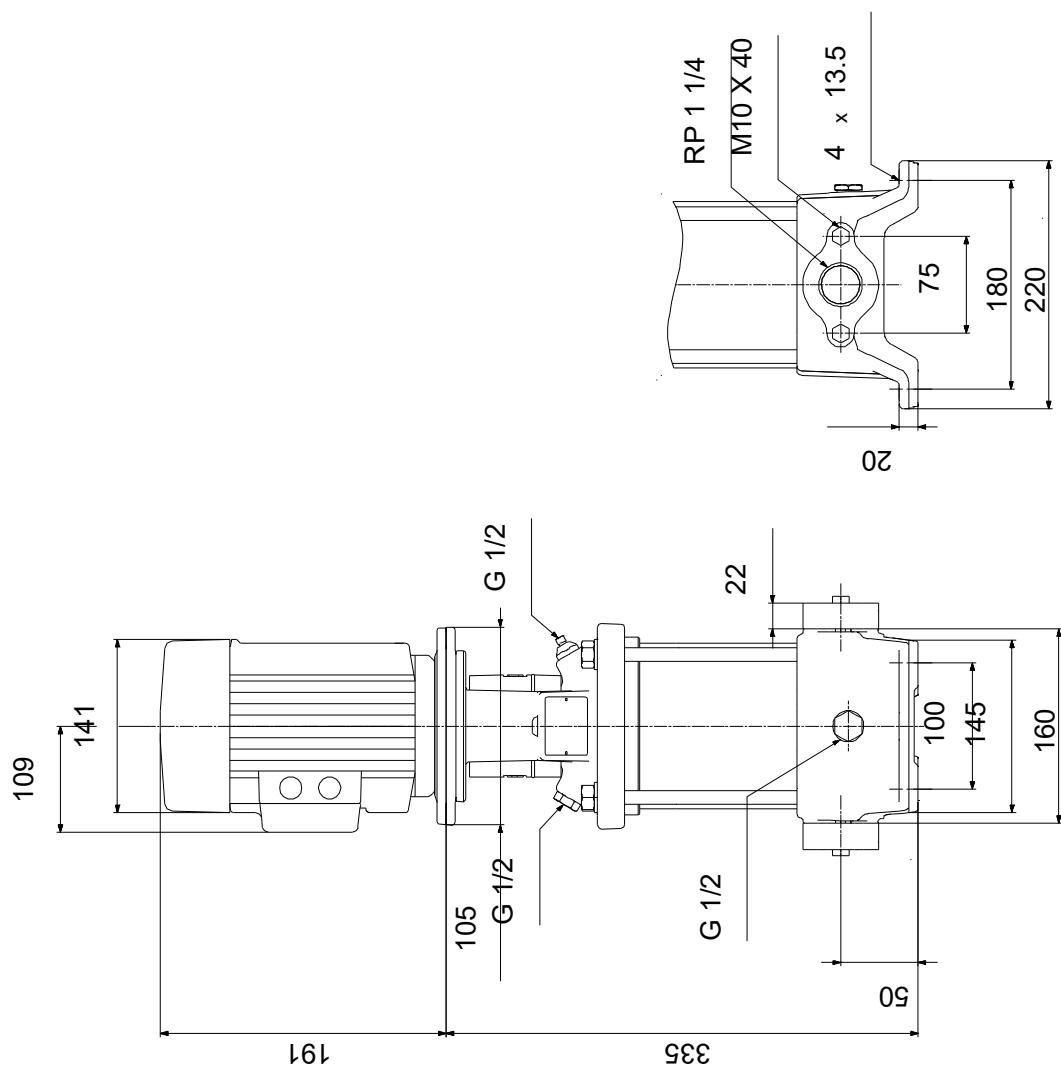
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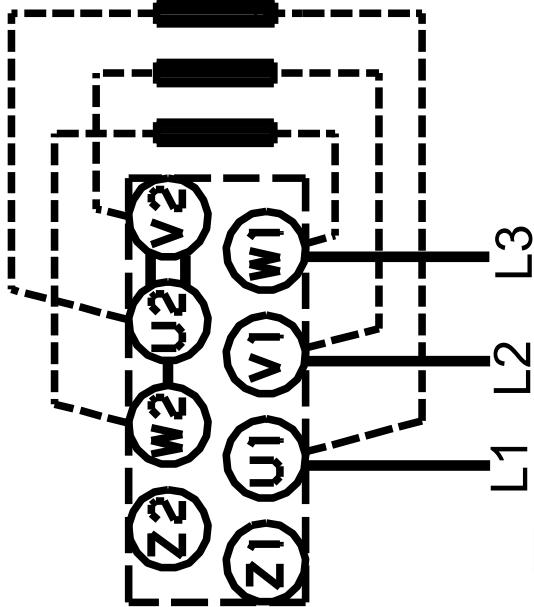
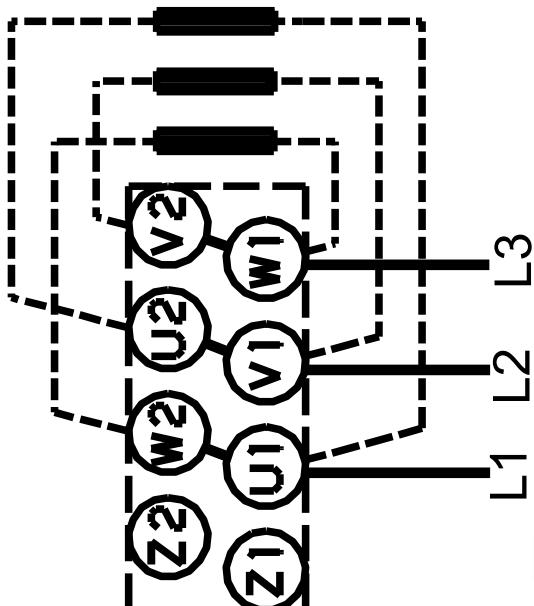
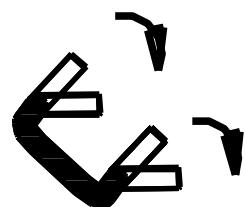
Date:

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On request CR 5-5 A-A-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.

On request CR 5-5 A-A-A-E-HQQE 50 Hz**HIGH VOLTAGE
DIRECTION OF ROTATION****LOW VOLTAGE
DIRECTION OF ROTATION**

98.3169

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



Company name:

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Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		CR 5-5 A-A-A-E-HQQE	1	On request	