
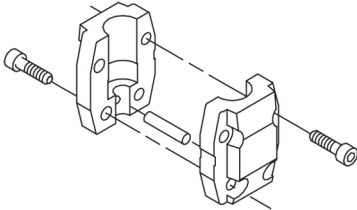
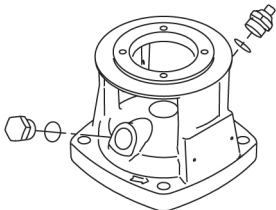
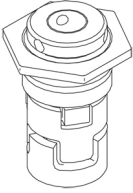
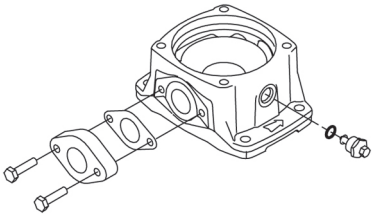


Qty.	Description
1	<p data-bbox="204 376 459 405">CR 5-5 A-A-A-E-HQQE</p>  <p data-bbox="595 723 1062 745">Note! Product picture may differ from actual product</p> <p data-bbox="204 757 478 779">Product No.: On request</p> <p data-bbox="204 828 1430 902">Vertical, multistage centrifugal pump with inlet 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 data-bbox="204 913 916 936">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="204 981 512 1010">Further product details</p> <p data-bbox="204 1016 1393 1068">Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition (CED) process.</p> <p data-bbox="204 1075 1430 1124">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 data-bbox="204 1133 719 1158">An integral part of the process is a pretreatment.</p> <p data-bbox="204 1164 700 1187">The entire process consists of these elements:</p> <ol data-bbox="225 1193 702 1308" 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 my m. <p data-bbox="204 1312 890 1335">The colour code for the finished product is NCS 9000/RAL 9005.</p> <p data-bbox="204 1379 280 1408">Pump</p> <p data-bbox="204 1415 1436 1464">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 data-bbox="204 1718 1377 1769">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 data-bbox="204 2024 1169 2080">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>

Qty.	Description
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)</p> <p>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>  <p>Motor</p> <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> <p>Technical data</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -20 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Pump speed on which pump data are based: 1410 rpm</p> <p>Rated flow: 2.9 m³/h</p> <p>Rated head: 5.8 m</p>

Qty.	Description
1	<p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Primary shaft seal: HQQE</p> <p>Code for shaft seal: HQQE</p> <p>Approvals: CE,EAC,UKCA,SEPRO,RCM,</p> <p>Approvals for drinking water: WRAS,ACS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Type key, code for materials: A</p> <p>Type key, code for rubber components. E = EPDM, V=FKM: E</p> <p>Base: Cast iron</p> <p>EN 1561 EN-GJL-200</p> <p>ASTM A48-25B</p> <p>Impeller: Stainless steel</p> <p>EN 1.4301</p> <p>AISI 304</p> <p>Bearing: SIC</p> <p>Installation:</p> <p>Maximum ambient temperature: 40 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C</p> <p>16 bar / -20 °C</p> <p>Type of connection: Oval / Rp</p> <p>Size of inlet connection: 1 1/4 inch</p> <p>Size of outlet connection: 1 1/4 inch</p> <p>Pressure rating for connection: PN 16</p> <p>Flange size for motor: FT85</p> <p>Terminal box position: 6</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 71A</p> <p>Rated power - P2: 0.25 kW</p> <p>Power (P2) required by pump: 0.25 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 1,30-1,42/0,75-0,82 A</p> <p>Starting current: 410 %</p> <p>Cos phi - power factor: 0.73-0.64</p> <p>Rated speed: 1410-1430 rpm</p> <p>IE Efficiency class: IE2</p> <p>Motor efficiency at full load: 72.4-70.0 %</p> <p>Motor efficiency at 3/4 load: 72.6-67.3 %</p> <p>Motor efficiency at 1/2 load: 68.3-60.0 %</p> <p>Number of poles: 4</p>



Company name:

Created by:

Phone:

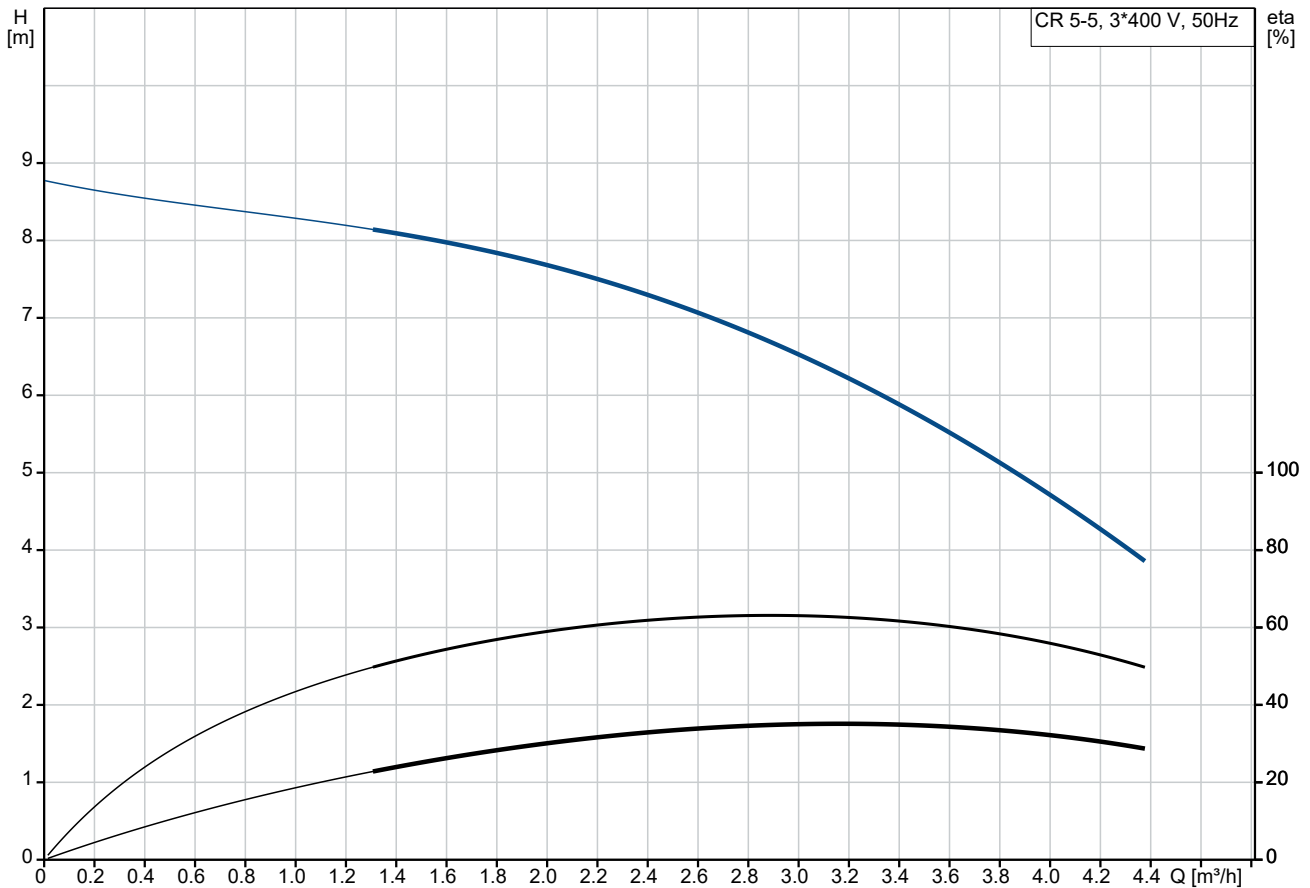
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13/01/2026

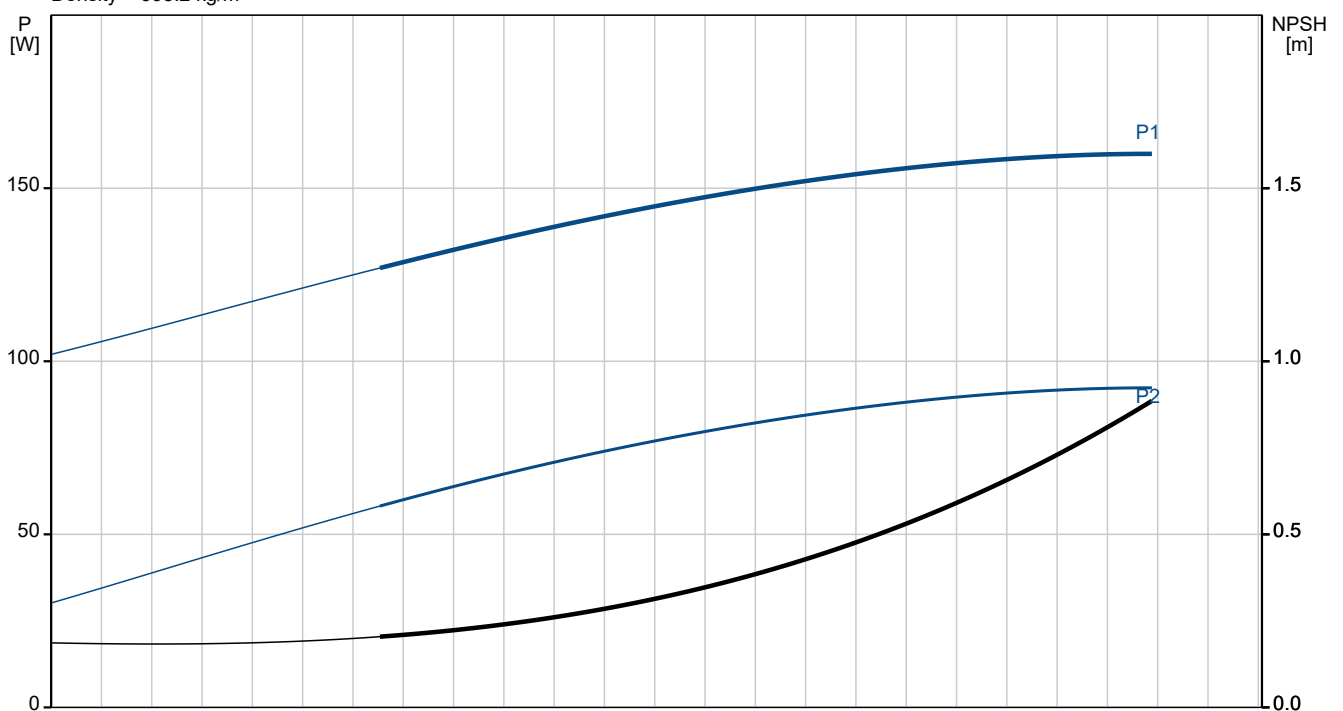
Qty.	Description
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1	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 99928151
	Controls:
	Terminal box position: 6
	Frequency converter: None
	Others:
	Minimum efficiency index, MEI \geq : 0.57
	Net weight: 19.7 kg
	Gross weight: 22.4 kg
	Shipping volume: 0.063 m ³

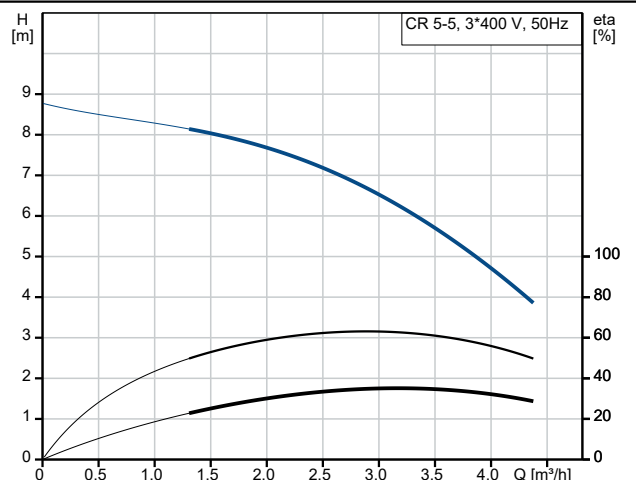
On request CR 5-5 A-A-A-E-HQQE 50 Hz



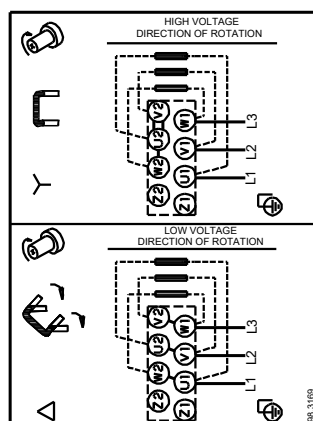
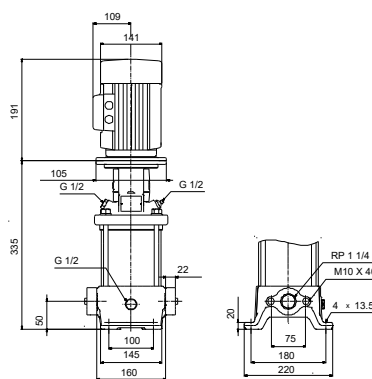
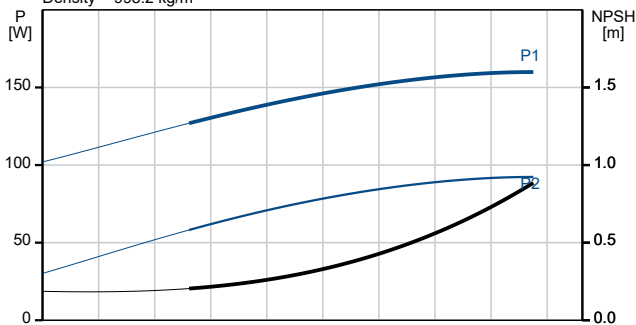
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 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 m³/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 = EPDM, V=FKM:	E
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/m³
Electrical data:	
Motor standard:	IEC



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





Company name:

Created by:

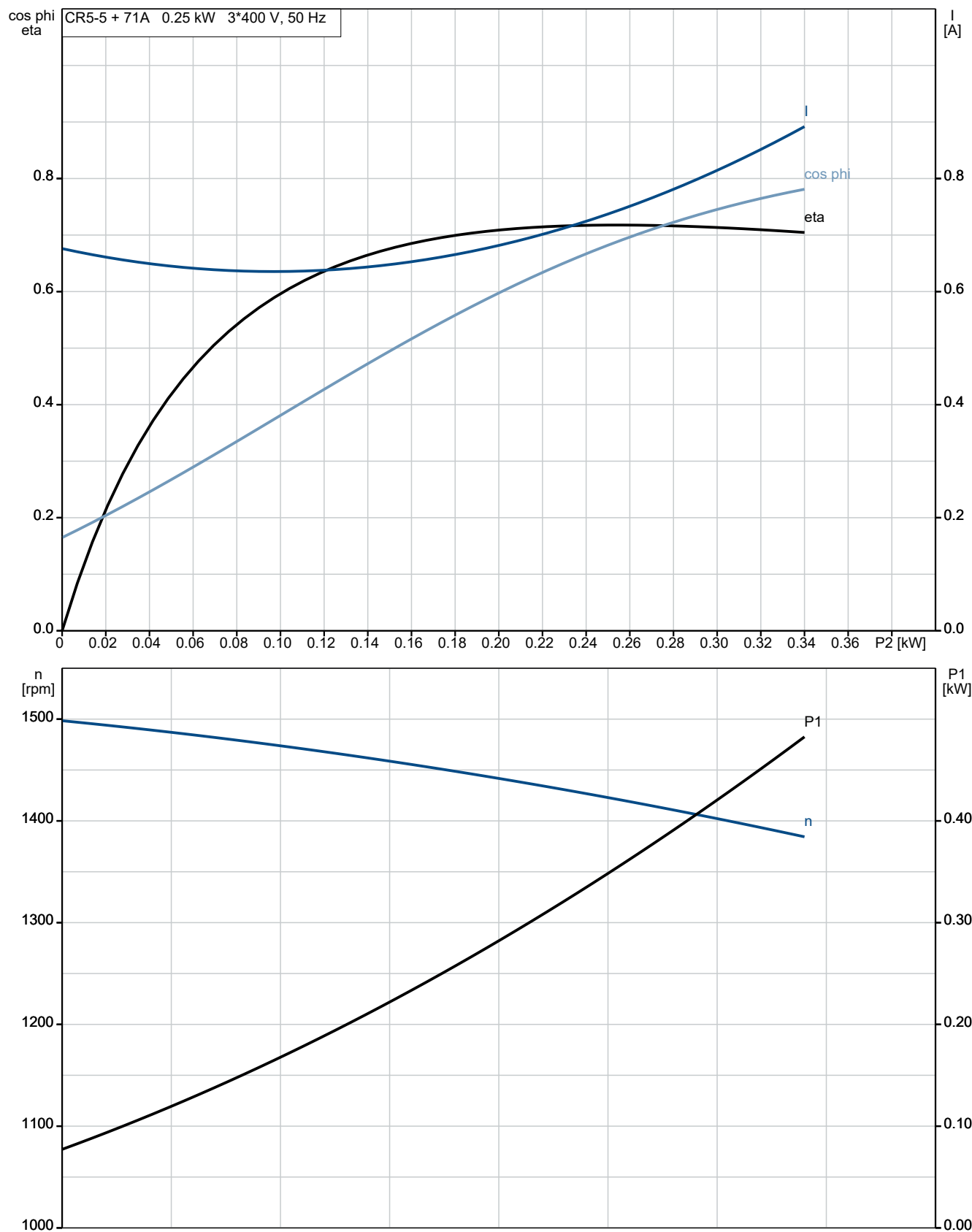
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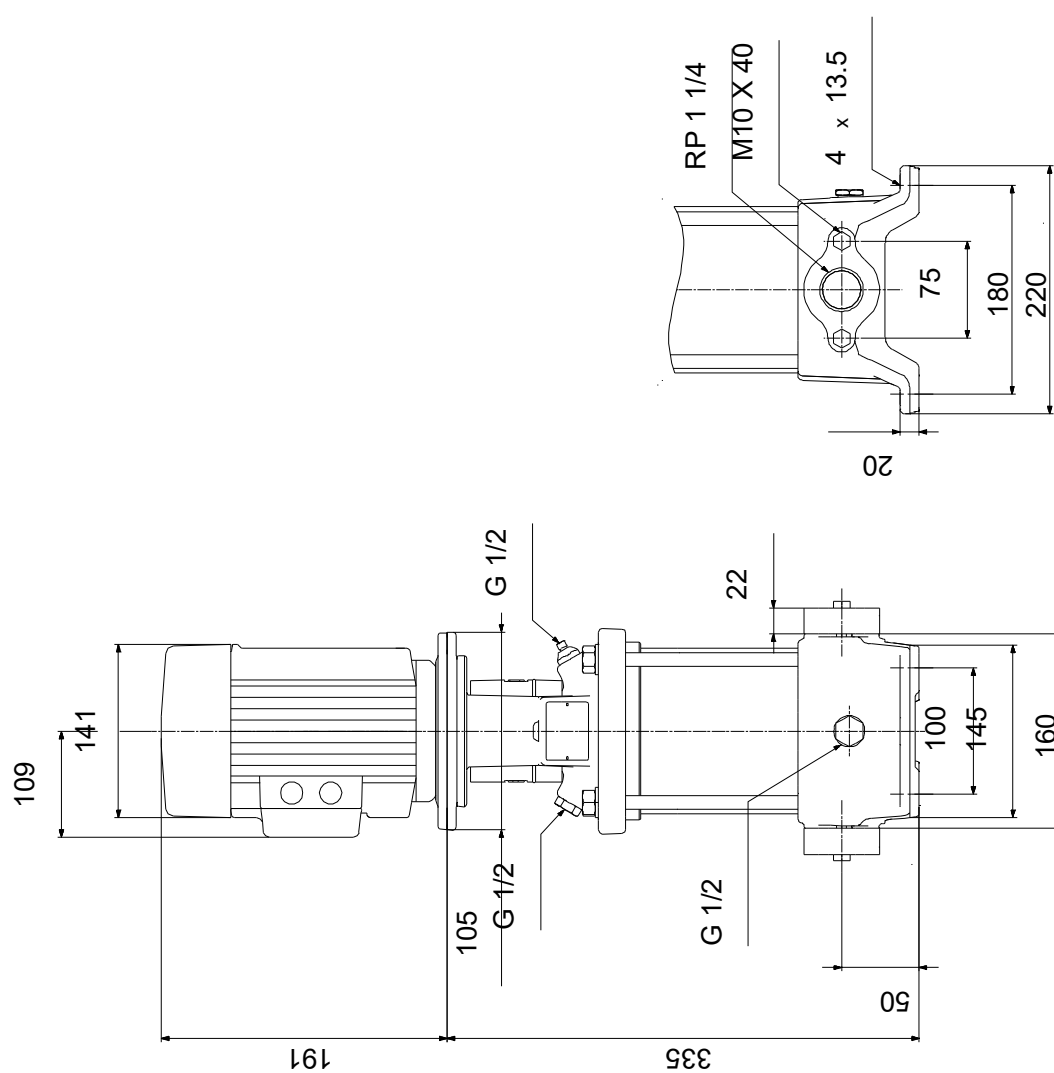
13/01/2026

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 m³

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

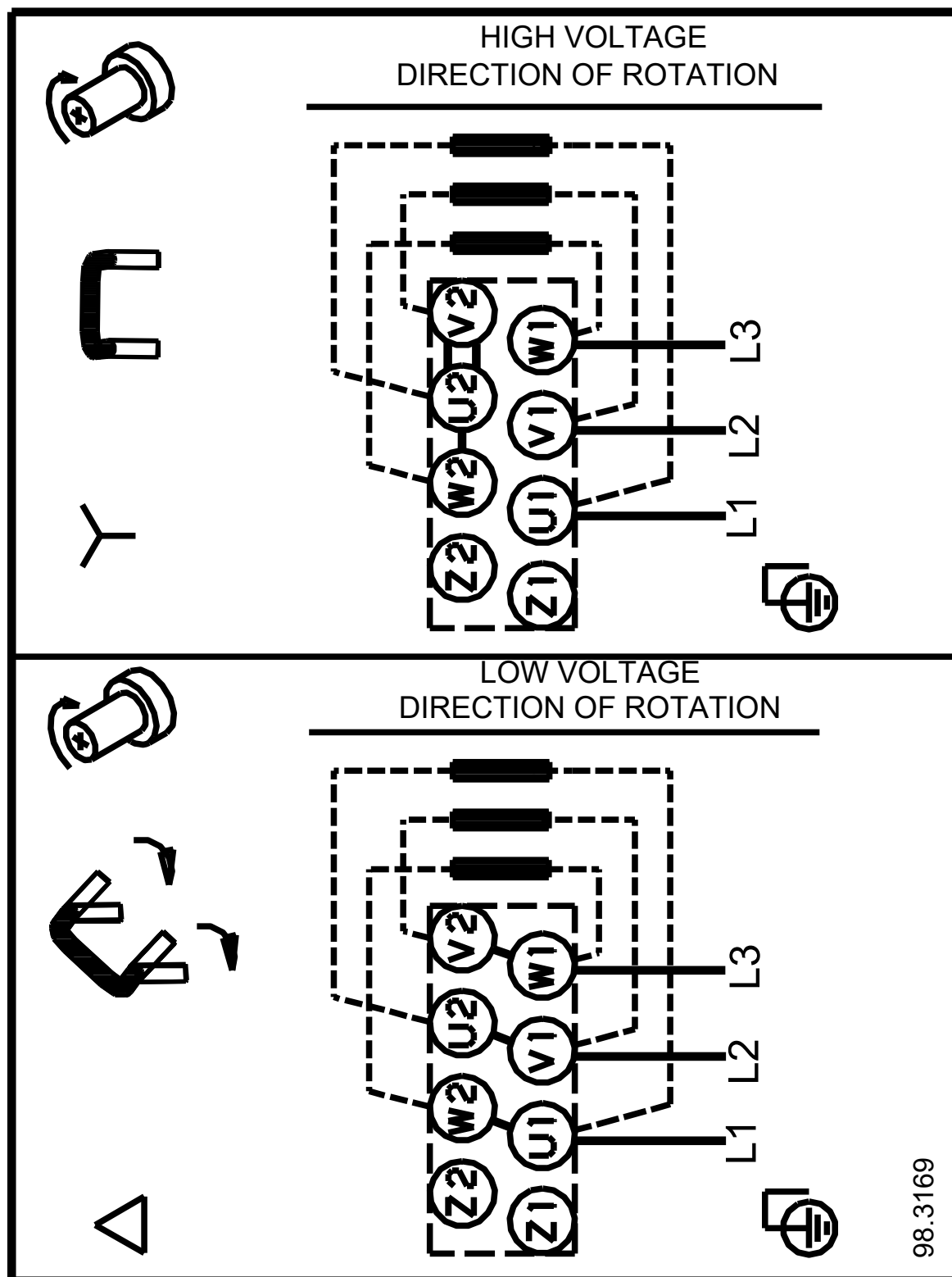


On request CR 5-5 A-A-A-E-HQQE 50 Hz



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



98.3169

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

