



Company name:

Created by:

Phone:

Date:

13/01/2026

Qty.	Description
1	<p>CM 25-4 A-R-A-E-AVBE F-A-A-N</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: On request</p> <p>Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. The shaft, impellers and chambers are made of stainless steel. The inlet and discharge parts are made of cast iron. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1).</p> <p>The pump is fitted with a 3-phase, foot-mounted, fan-cooled asynchronous motor.</p> <p>Further product details</p> <p>Pump and motor are integrated in a compact and user-friendly design. The pump is fitted to a low base plate, making it ideal for installation in systems where compactness is important.</p> <p>The state-of-the-art design and materials of the shaft seal ensure high wear resistance, improved sticking and dry-running capabilities and long operating life.</p> <p>Servicing the pump requires no special service tools. Service parts are in stock for quick delivery and are available as kits, single parts or bulk. Service videos are available on www.youtube.com.</p> <p>Pump</p> <p>A combination of a stop ring and a Nord-lock® washer secures a tight and reliable fixation of the impeller spacing pipes to the splined pump shaft. It is possible to remove and fit the hydraulic parts from the pump side. The inlet part, chambers and discharge part are held together by four staybolts.</p> <p>The pump is fitted with an unbalanced O-ring seal with a rigid torque-transmission system. It has a fixed seal driver ensuring a reliable rotation of all parts. The dynamic secondary seal is an O-ring.</p> <p>Seal faces:</p> <ul style="list-style-type: none">• Rotating seal ring material: aluminium oxide (alumina)• Stationary seat material: carbon graphite, resin-impregnated <p>Carbon graphite against alumina is a good all-round seal for not too demanding applications. The corrosion resistance is often limited in water to a range between pH 5 and pH 10. Usage in liquids above 90 °C is not recommended. The seal can handle dry-running conditions for short periods.</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 pump shaft is connected to the motor shaft through a left thread and tight fit. The shaft cannot be dismantled.</p> <p>Motor</p>



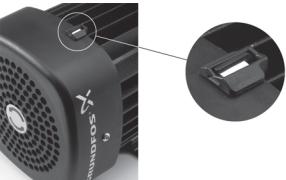
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1	<p>The motor is a totally enclosed, fan-cooled motor with principal dimensions to EN 50347. Electrical tolerances comply with EN 60034.</p> <p>The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1. An installation indicator is fitted to the motor fan cover. Based on the motor cooling air, it indicates the direction of rotation of the motor. The motor is fitted with a directional sticker.</p>  <p>The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center.</p> <p>Technical data</p> <p>Controls: Terminal box position: 12 Frequency converter: None</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 22 m³/h Rated head: 65.49 m Primary shaft seal: AVBE Code for shaft seal: AVBE Approvals: CE,EAC,UKCA Approvals for drinking water: ACS,NSF61 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 Pump housing: Cast iron EN-GJL-200 ASTM A48-25A Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Installation: Range of ambient temperature: -20 .. 55 °C</p>



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1	Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar / 40 °C Type of connection: Rp Size of inlet connection: 2 inch Size of outlet connection: 2 inch Terminal box position: 12 Outlet position: 12
	Electrical data: Motor standard: IEC Frame size: 132SB IE efficiency class: IE3 Rated power - P2: 7.5 kW Mains frequency: 50 Hz Suitable for 50/60 Hz (Yes/No): N Rated voltage: 3 x 220-240D/380-415Y V Service factor: 1.00 Rated current: 25,0-24,2/14,4-14,0 A Starting current: 780-910 % Rated speed: 2910-2920 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Ex-protection standard: NONE Cable included (Yes/No): N
	Others: Minimum efficiency index, MEI ≥: 0.7 Net weight: 54.8 kg Gross weight: 58.5 kg



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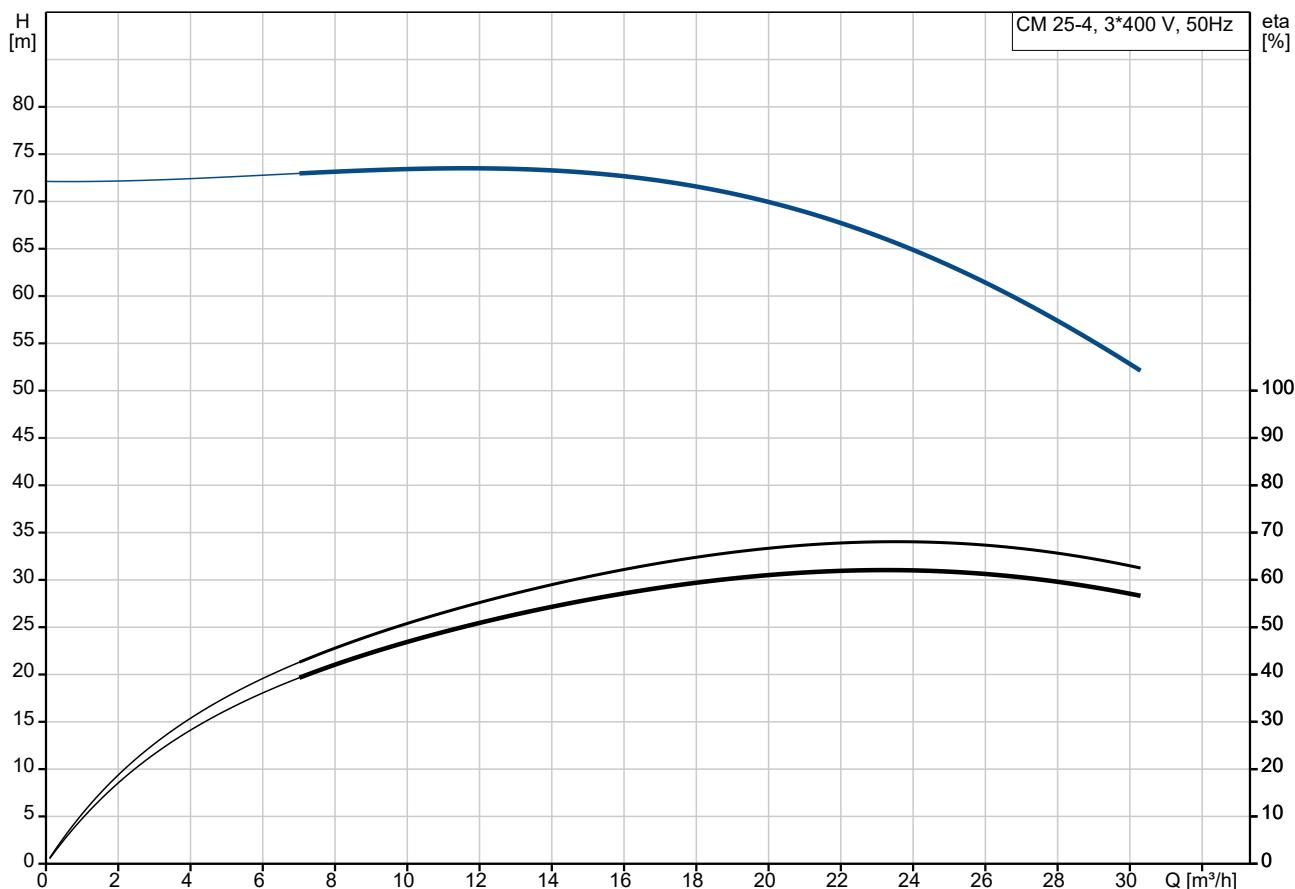
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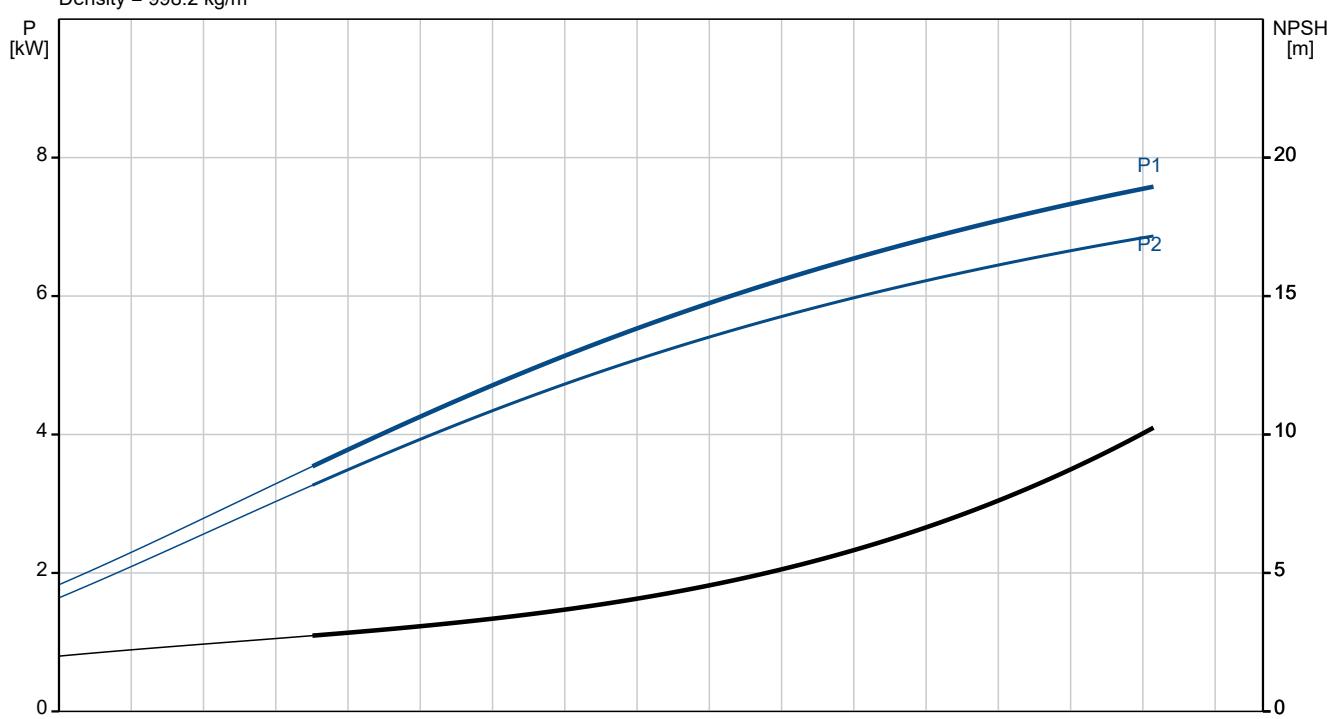
On request CM 25-4 A-R-A-E-AVBE F-A-A-N 50 Hz



Pumped liquid = Water

Liquid temperature during operation = 20 °C

Density = 998.2 kg/m³





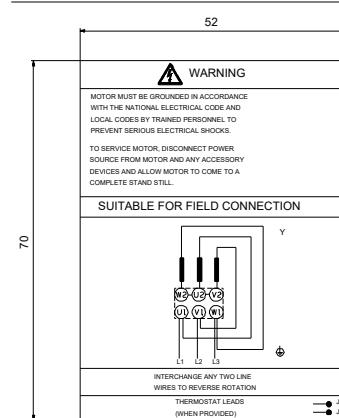
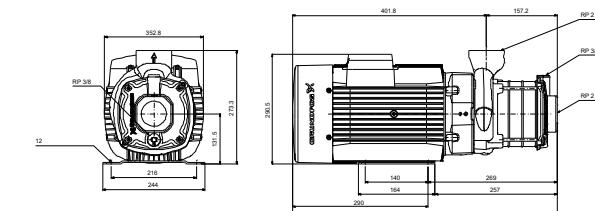
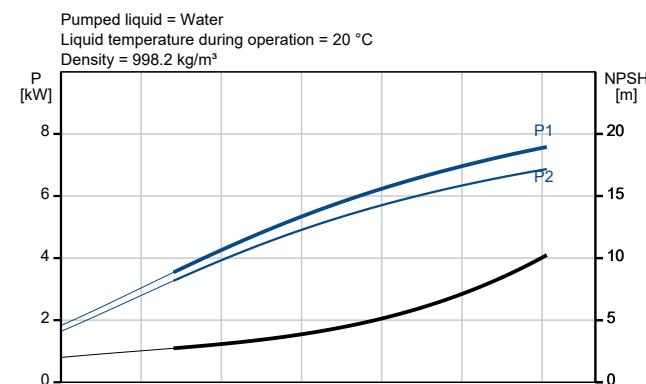
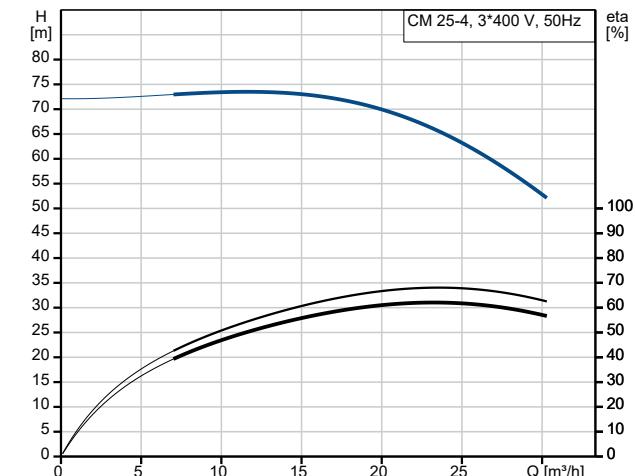
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Description	Value
General information:	
Product name:	CM 25-4 A-R-A-E-AVBE F-A-A-N
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	22 m³/h
Rated head:	65.49 m
Impellers:	4
Primary shaft seal:	AVBE
Code for shaft seal:	AVBE
Approvals:	CE,EAC,UKCA
Approvals for drinking water:	ACS,NSF61
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
Pump housing:	Cast iron EN-GJL-200 ASTM A48-25A
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	E
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 40 °C
Type key, code for pipework connection:	R
Type of connection:	Rp
Size of inlet connection:	2 inch
Size of outlet connection:	2 inch
Terminal box position:	12
Outlet position:	12
Connect code:	R
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Frame size:	132SB
IE efficiency class:	IE3
Rated power - P2:	7.5 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz (Yes/No):	N
Rated voltage:	3 x 220-240D/380-415Y V
Service factor:	1.00
Rated current:	25,0-24,2/14,4-14,0 A
Starting current:	780-910 %





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Description	Value
Rated speed:	2910-2920 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Ex-protection standard:	NONE
Cable included (Yes/No):	N
Controls:	
Terminal box position:	12
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.7
Net weight:	54.8 kg
Gross weight:	58.5 kg



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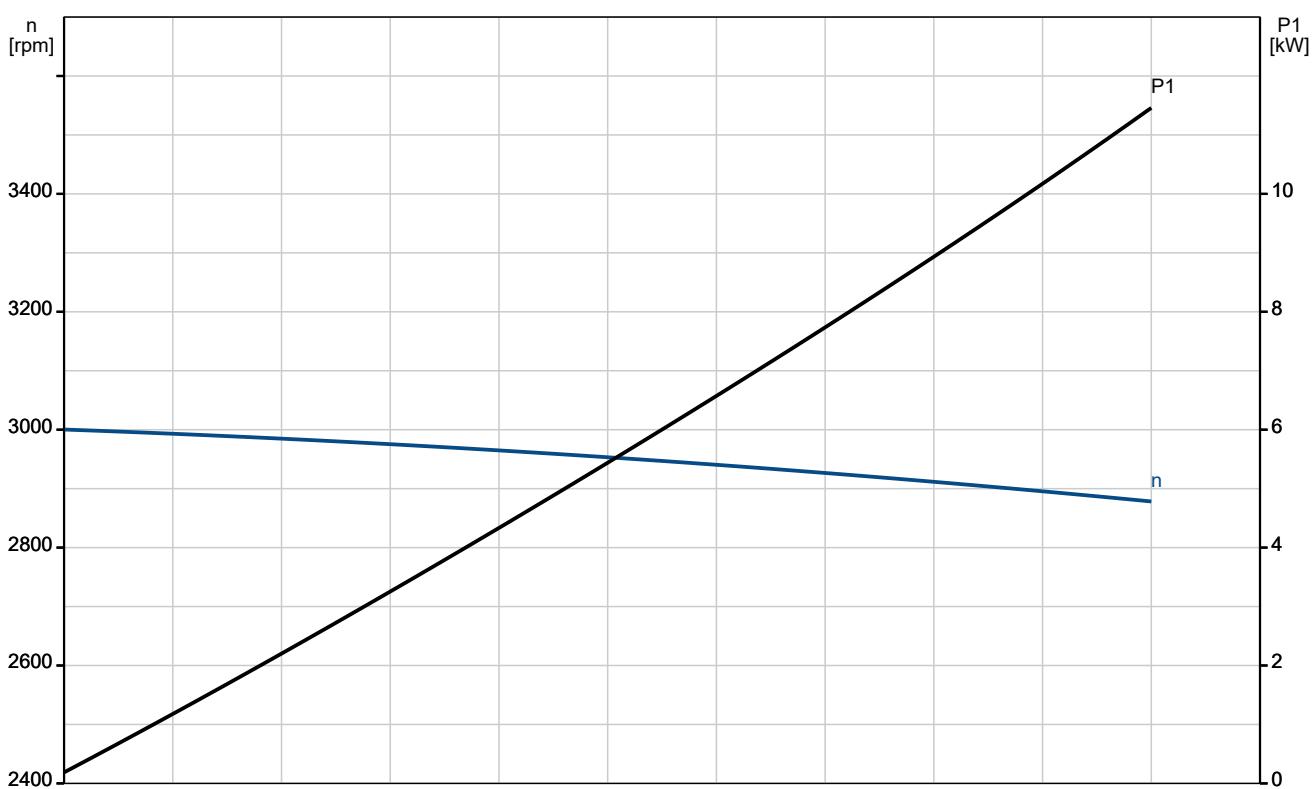
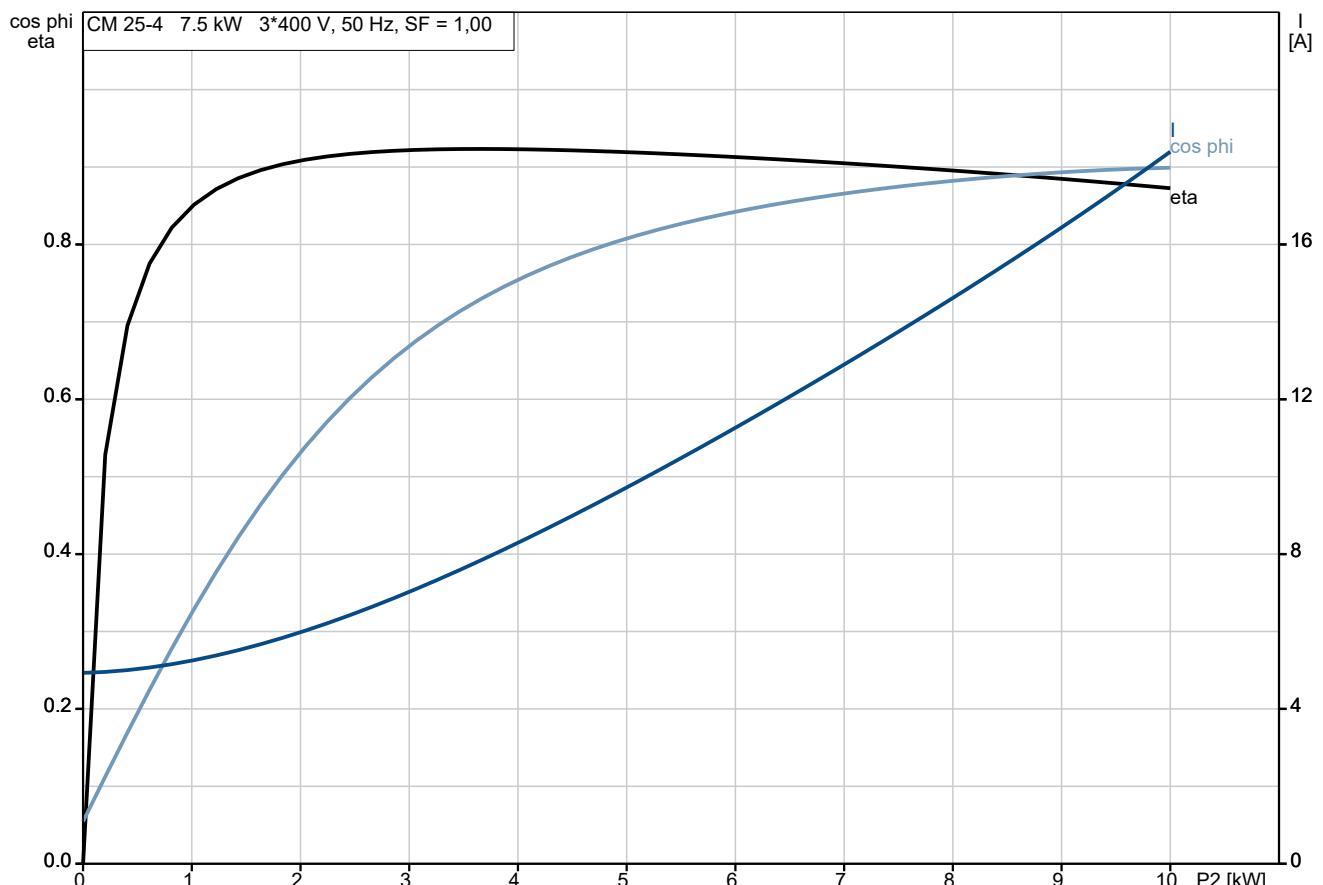
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On request CM 25-4 A-R-A-E-AVBE F-A-A-N 50 Hz



GRUNDFOS

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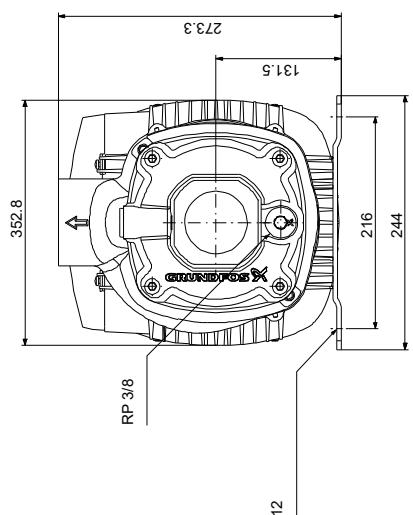
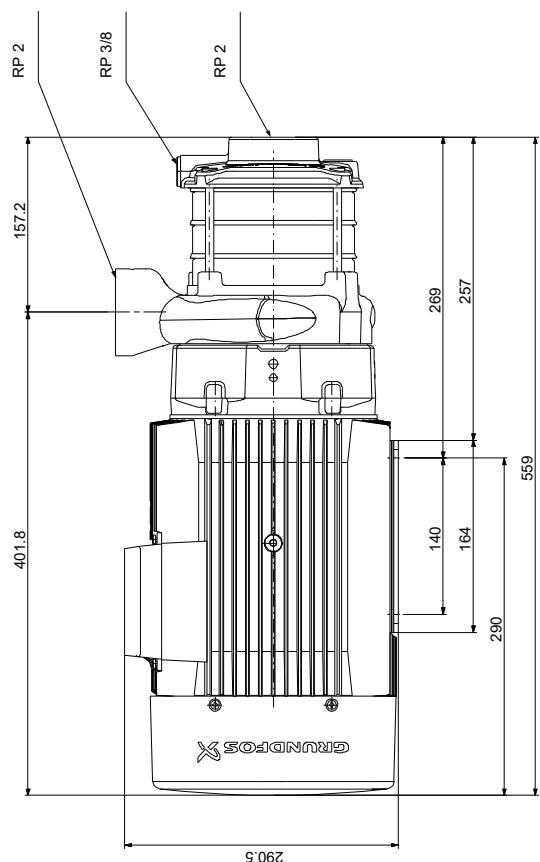
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Note! All units are in [mm] unless others are stated.

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



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52



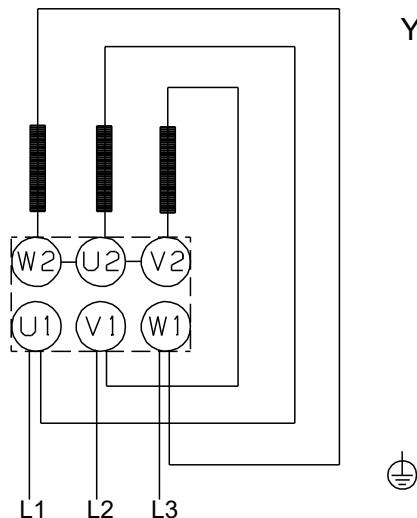
WARNING

MOTOR MUST BE GROUNDED IN ACCORDANCE
WITH THE NATIONAL ELECTRICAL CODE AND
LOCAL CODES BY TRAINED PERSONNEL TO
PREVENT SERIOUS ELECTRICAL SHOCKS.

TO SERVICE MOTOR, DISCONNECT POWER
SOURCE FROM MOTOR AND ANY ACCESSORY
DEVICES AND ALLOW MOTOR TO COME TO A
COMPLETE STAND STILL.

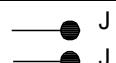
SUITABLE FOR FIELD CONNECTION

70



INTERCHANGE ANY TWO LINE
WIRES TO REVERSE ROTATION

THERMOSTAT LEADS
(WHEN PROVIDED)



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



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Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		CM 25-4 A-R-A-E-AVBE F-A-A-N	1	On request	