

Qty. Description1 **CM 10-3 A-R-G-E-AVBE C-A-A-N**Product No.: [96935483](#)

Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. Pump materials in contact with the liquid are in high-grade stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1).

The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor.

Controls:

Frequency converter: None

Liquid:

Pumped liquid: Water

Liquid temperature range: -20 .. 90 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³**Technical:**

Pump speed on which pump data are based: 2900 rpm

Rated flow: 10 m³/h

Rated head: 38.03 m

Code for shaft seal: AVBE

Approvals: CE,EAC,UKCA

Approvals for drinking water: ACS,NSF61,UBA

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Stainless steel

EN 1.4401

AISI 316

Impeller: Stainless steel

EN 1.4401

AISI 316

Installation:

Range of ambient temperature: -20 .. 55 °C

Maximum operating pressure: 10 bar

Max pressure at stated temp: 10 bar / 40 °C

6 bar / 90 °C

Type of connection: Rp

Size of inlet connection: 1 1/2 inch

Size of outlet connection: 1 1/2 inch

Outlet position: 12

Electrical data:

Motor standard: IEC

Frame size: 90SB

Rated power - P2: 1.7 kW



Company name:

Created by:

Phone:

Date:

11/06/2024

Qty. Description

1	Mains frequency:	50 Hz
	Suitable for 50/60 Hz:	N
	Rated voltage:	1 x 220-240 V V
	Service factor:	1.00
	Rated current:	11.2-10.0 A
	Starting current:	370 %
	Rated speed:	2740-2755 rpm
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Built-in motor protection:	PTO
	Cable included (Yes/No):	N
	Others:	
	Terminal box position:	12
	Minimum efficiency index, MEI ≥:	0.52
	Net weight:	27.1 kg
	Gross weight:	29.6 kg



Company name:

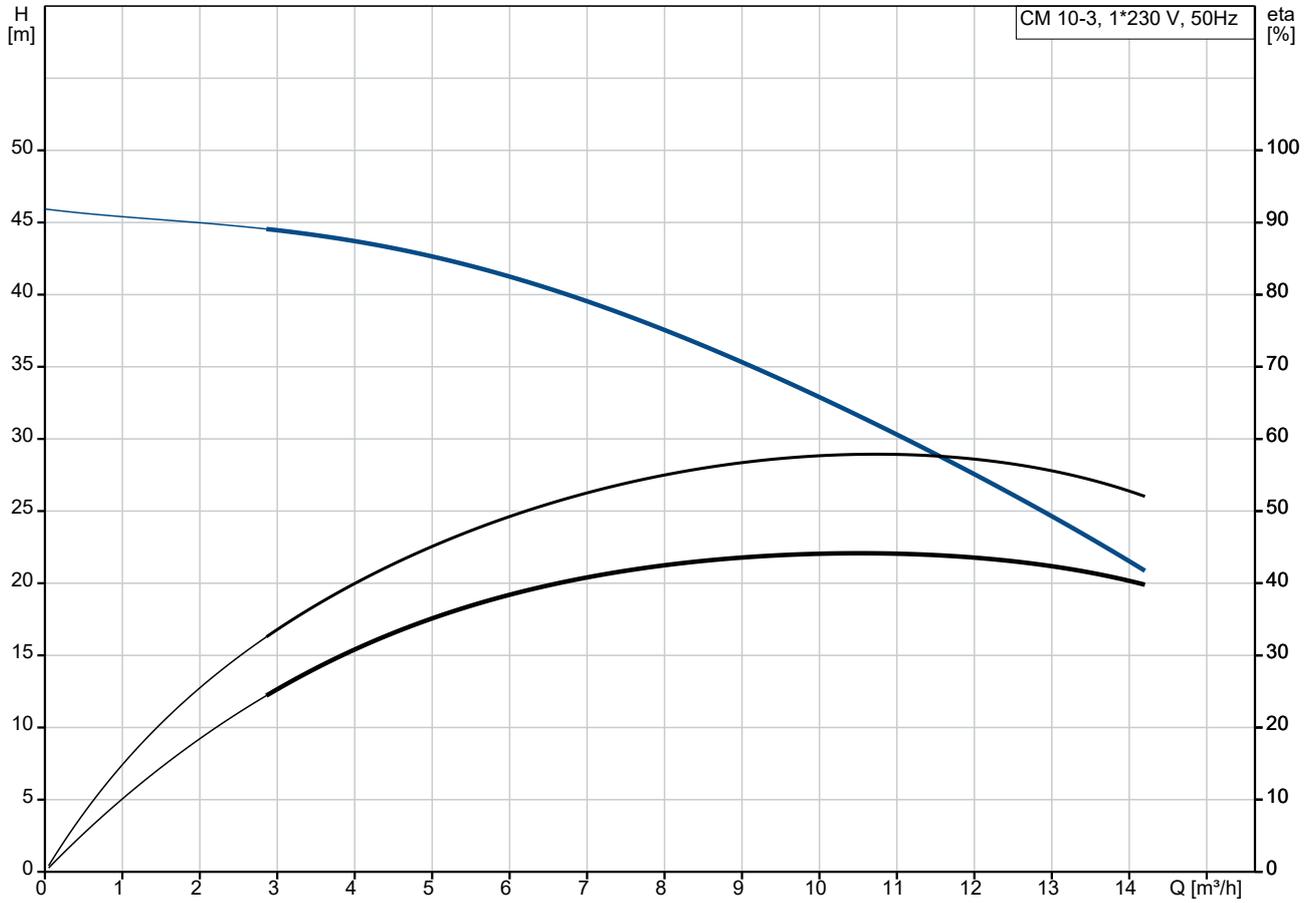
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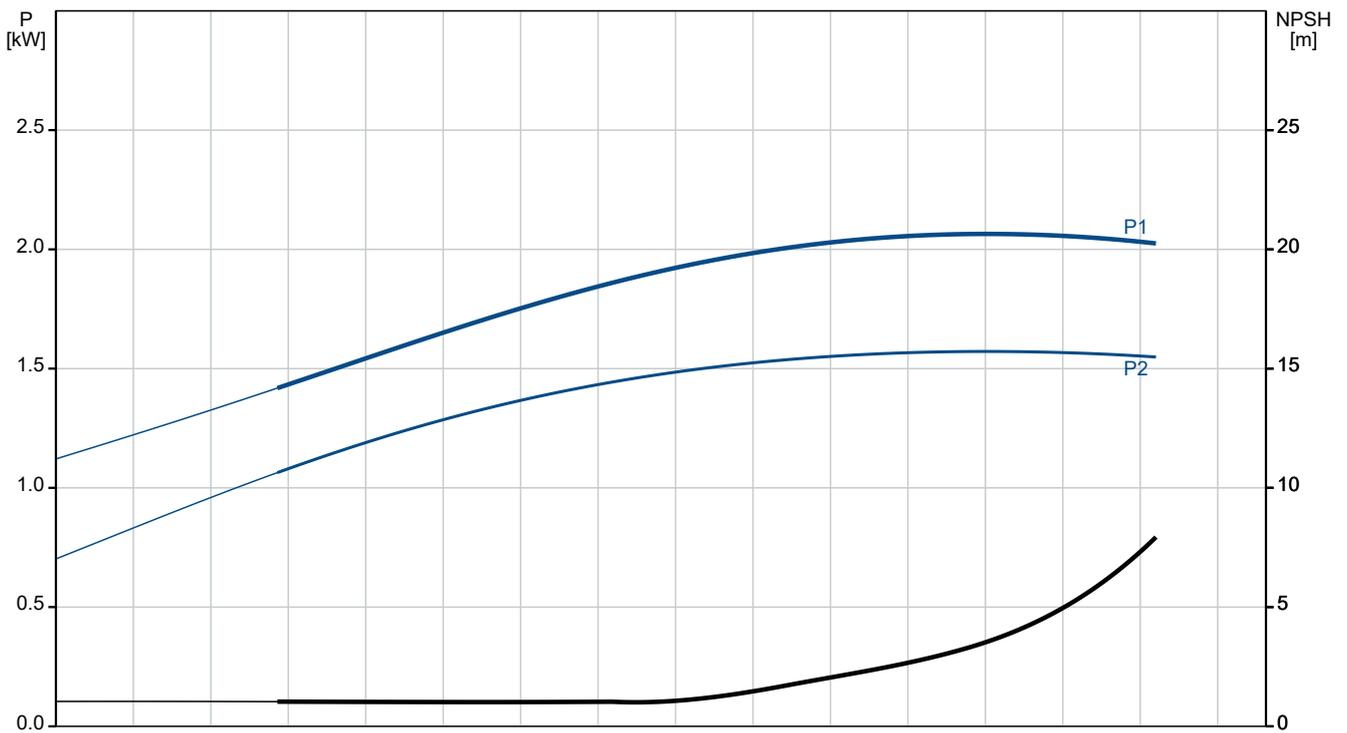
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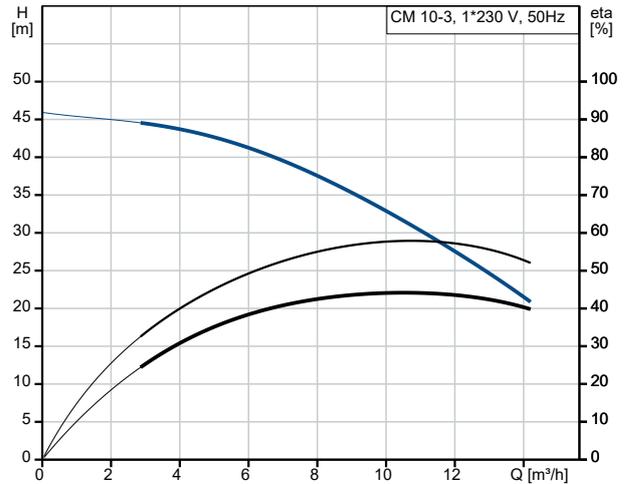
96935483 CM 10-3 A-R-G-E-AVBE C-A-A-N 50 Hz



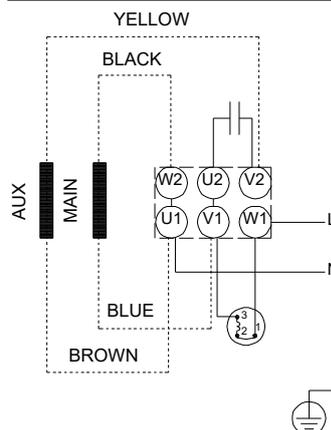
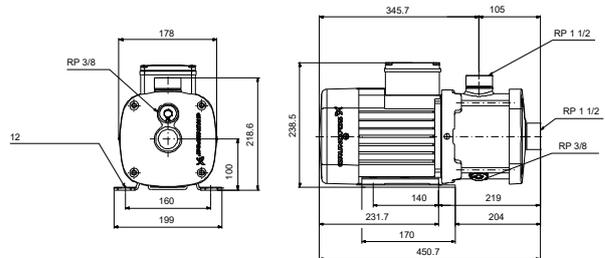
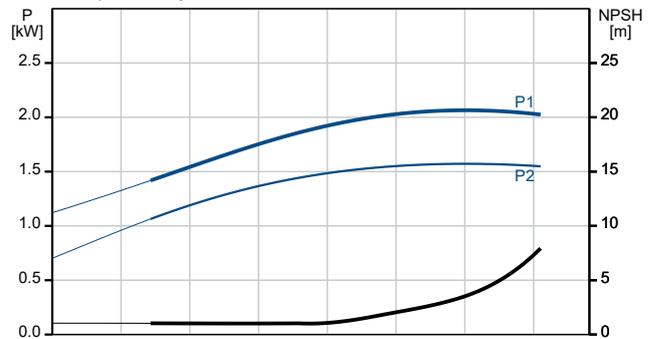
Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CM 10-3 A-R-G-E-AVBE C-A-A-N
Product No:	96935483
EAN number:	5700314053918
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	10 m ³ /h
Rated head:	38.03 m
Impellers:	3
Code for shaft seal:	AVBE
Approvals:	CE,EAC,UKCA
Approvals for drinking water:	ACS,NSF61,UBA
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel
Pump housing:	EN 1.4401
Pump housing:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	G
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
Max pressure at stated temp:	6 bar / 90 °C
Type of connection:	Rp
Size of inlet connection:	1 1/2 inch
Size of outlet connection:	1 1/2 inch
Outlet position:	12
Connect code:	R
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Frame size:	90SB
Rated power - P2:	1.7 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	1 x 220-240 V V
Service factor:	1.00
Rated current:	11.2-10.0 A
Starting current:	370 %
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Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTO
Cable included (Yes/No):	N
Controls:	
Frequency converter:	None



Pumped liquid = Water
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Company name:

Created by:

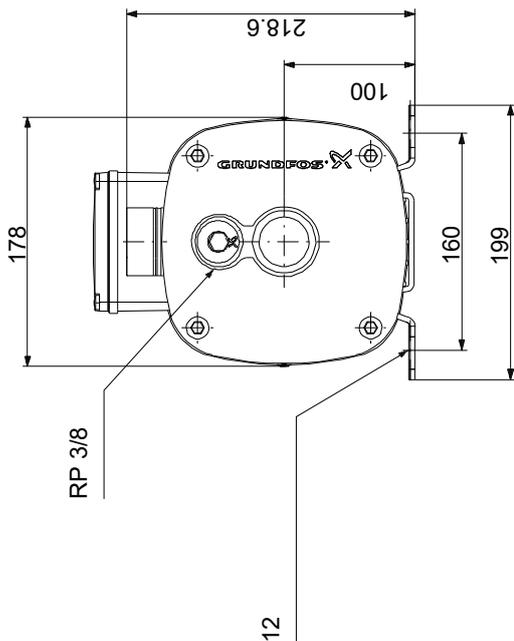
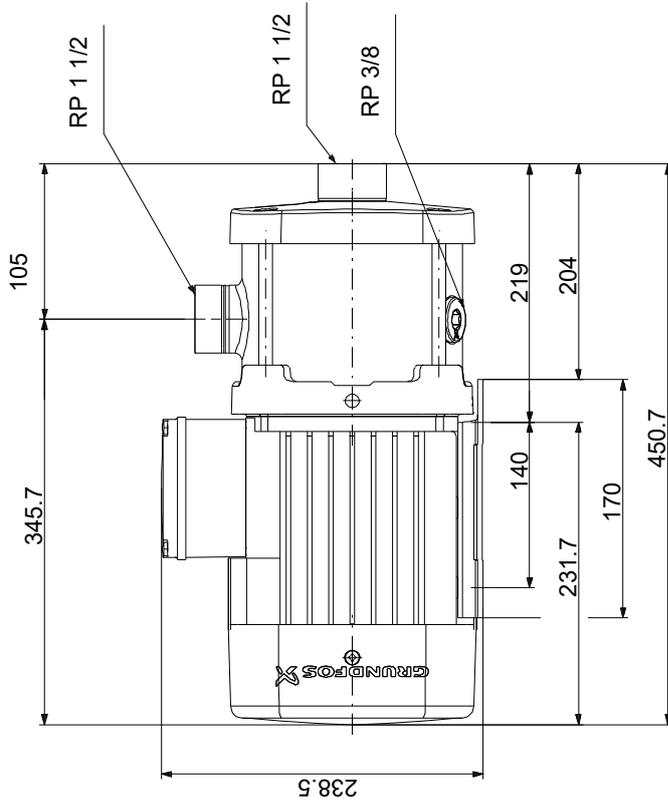
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Description	Value
Others:	
Terminal box position:	12
Minimum efficiency index, MEI ≥:	0.52
Net weight:	27.1 kg
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Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.