

**Qty. Description**

1 CM 1-5 A-R-G-E-AVBE C-A-A-N



Product No.: [96935405](#)

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/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2900 rpm  
 Rated flow: 1.7 m<sup>3</sup>/h  
 Rated head: 31.45 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 inch  
 Size of outlet connection: 1 inch  
 Outlet position: 12

**Electrical data:**

Motor standard: IEC  
 Frame size: 71B  
 Rated power - P2: 0.5 kW



Company name:

Created by:

Phone:

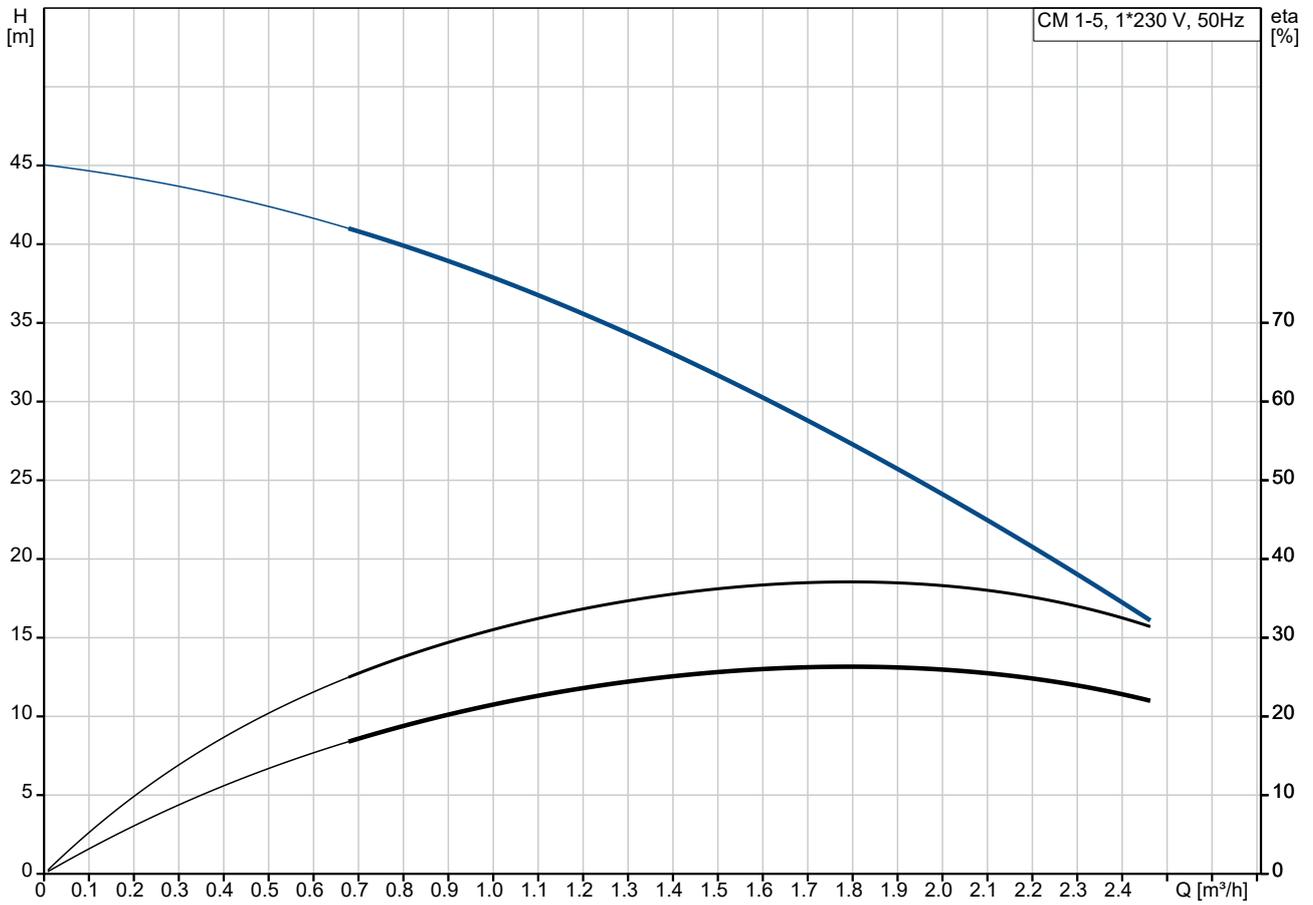
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13/07/2024

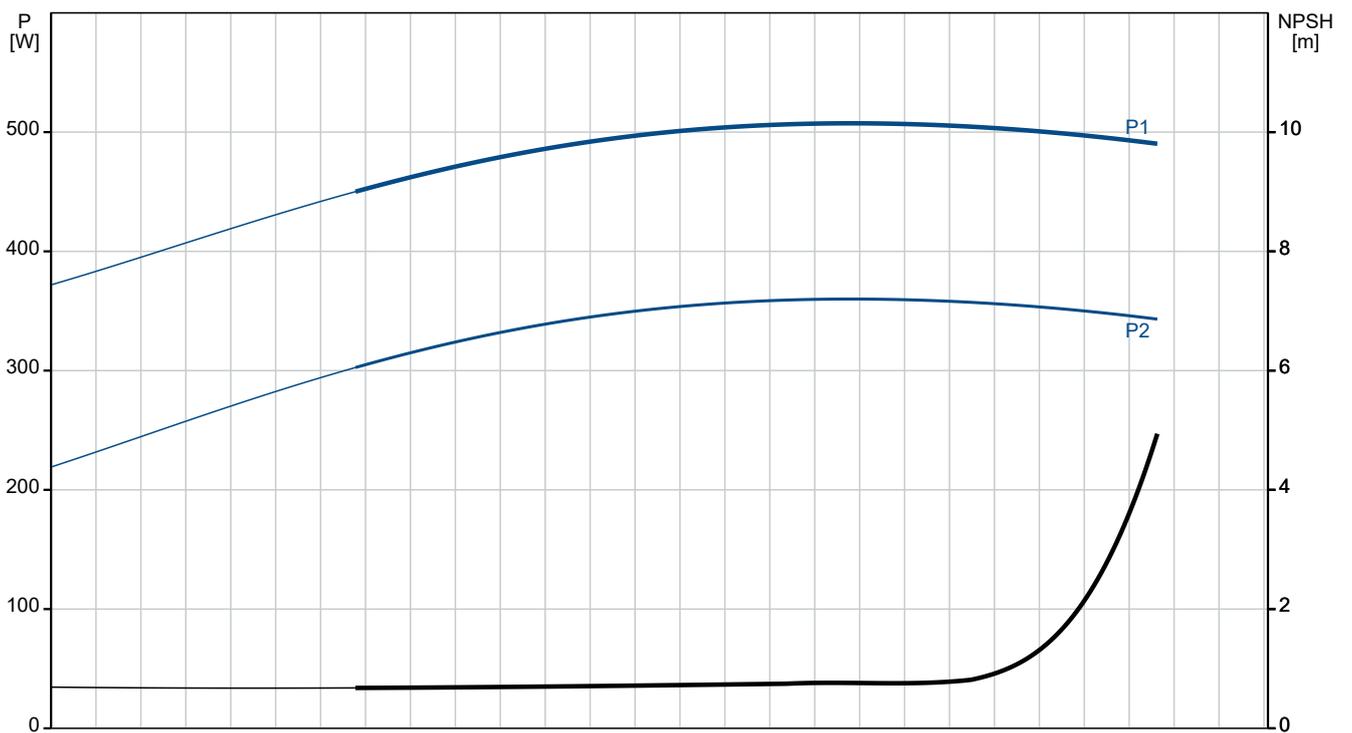
**Qty. Description**

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:	3.1-2.8 A
	Starting current:	530 %
	Rated speed:	2730-2740 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 ≥:	0.68
	Net weight:	13.1 kg
	Gross weight:	15.6 kg

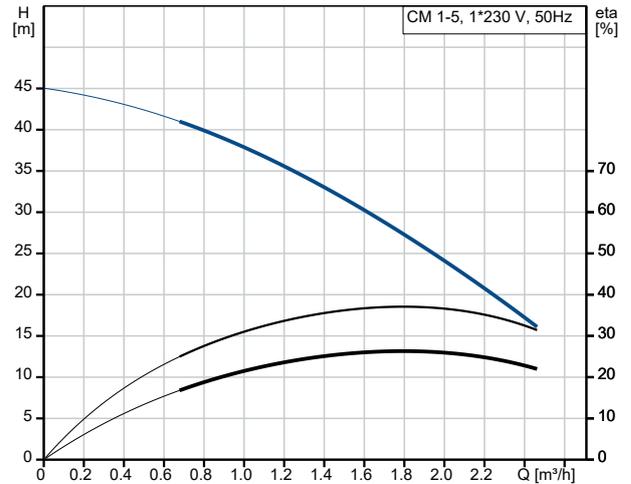
## 96935405 CM 1-5 A-R-G-E-AVBE C-A-A-N 50 Hz



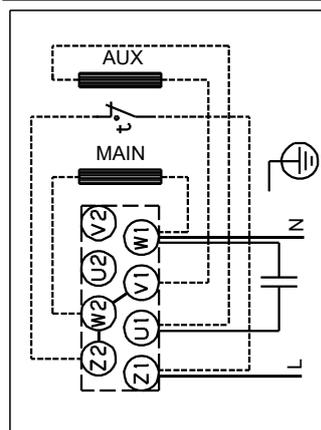
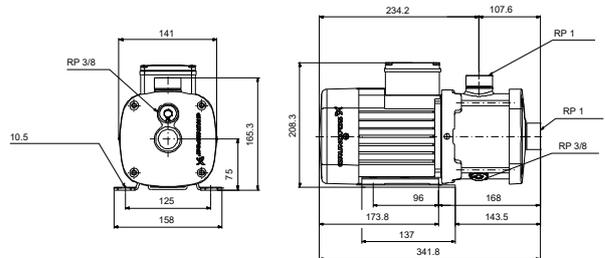
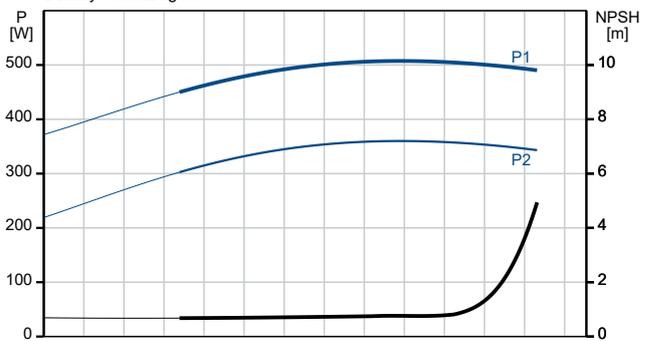
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CM 1-5 A-R-G-E-AVBE C-A-A-N
Product No:	96935405
EAN number:	5700314053130
<b>Technical:</b>	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	1.7 m <sup>3</sup> /h
Rated head:	31.45 m
Impellers:	5
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
<b>Materials:</b>	
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
<b>Installation:</b>	
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 inch
Size of outlet connection:	1 inch
Outlet position:	12
Connect code:	R
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Frame size:	71B
Rated power - P2:	0.5 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:	3.1-2.8 A
Starting current:	530 %
Rated speed:	2730-2740 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTO
Cable included (Yes/No):	N
<b>Controls:</b>	
Frequency converter:	None



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m<sup>3</sup>





Company name:

Created by:

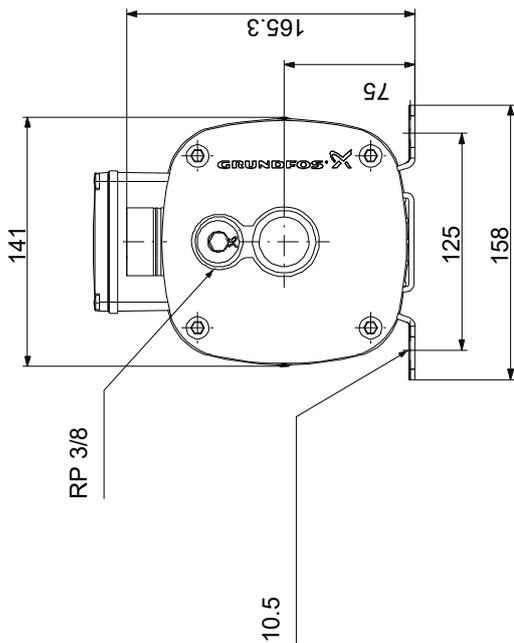
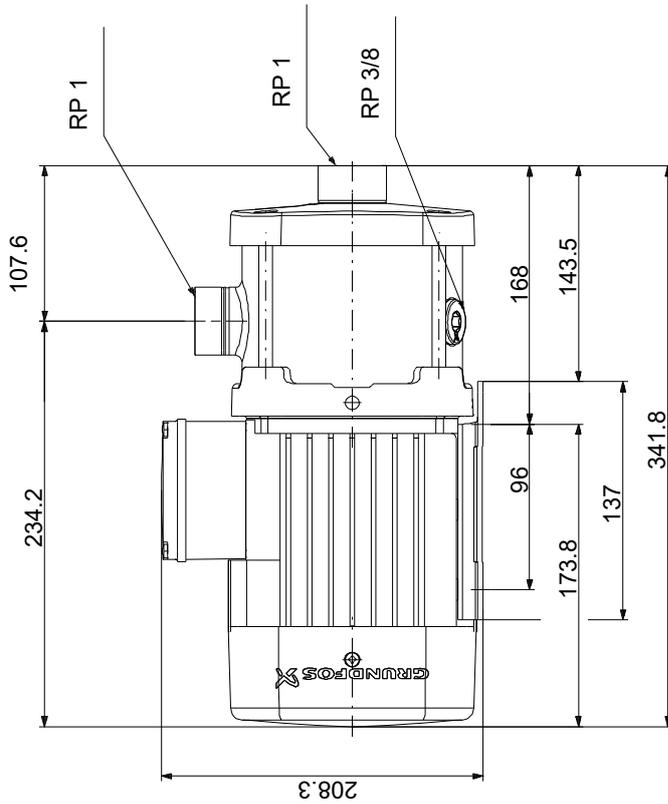
Phone:

Date:

13/07/2024

Description	Value
<b>Others:</b>	
Terminal box position:	12
Minimum efficiency index, MEI ≥:	0.68
Net weight:	13.1 kg
Gross weight:	15.6 kg

## 96935405 CM 1-5 A-R-G-E-AVBE C-A-A-N 50 Hz



Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.