

Qty. Description

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



Note! Product picture may differ from actual product

Product No.: [96935461](#)

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
 Actual calculated flow: 4.835 m³/h
 Rated flow: 4.7 m³/h
 Resulting head of the pump: 34.8 m
 Rated head: 38.62 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 1/4 inch
 Size of outlet connection: 1 inch
 Outlet position: 12

Electrical data:



Company name:

Created by:

Phone:

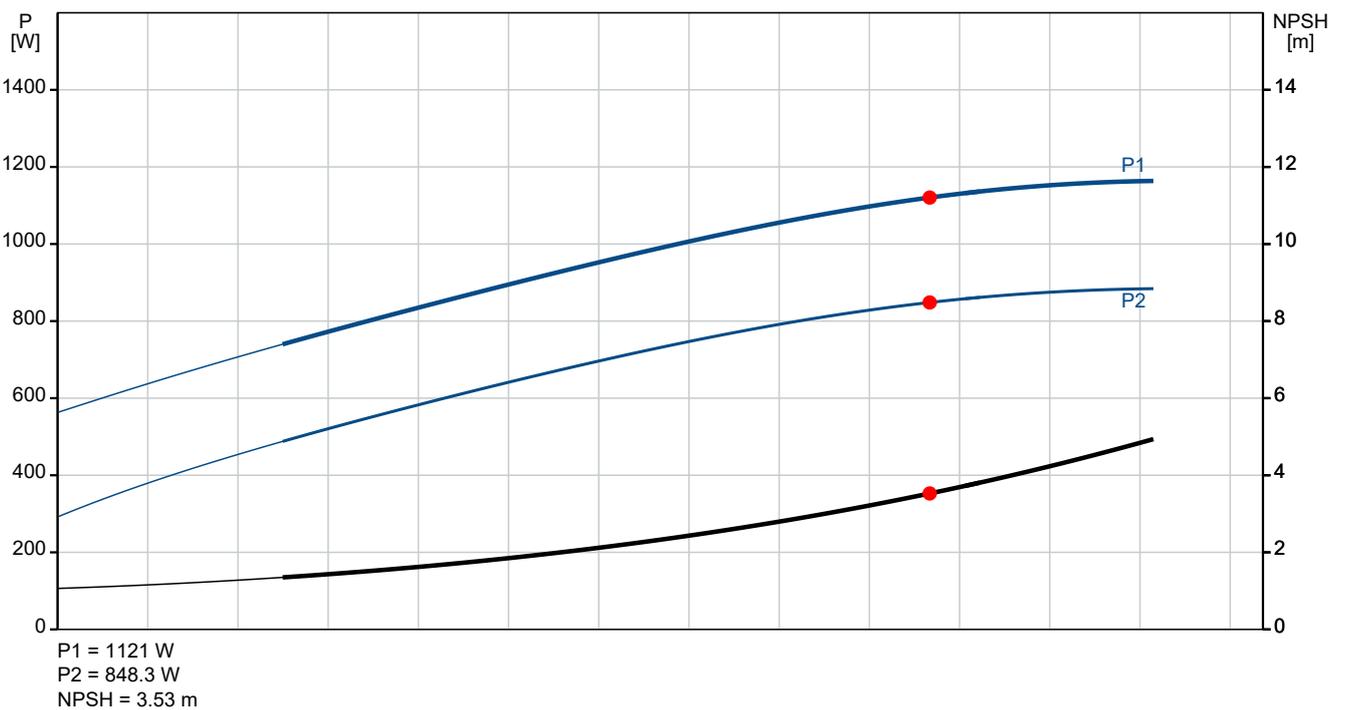
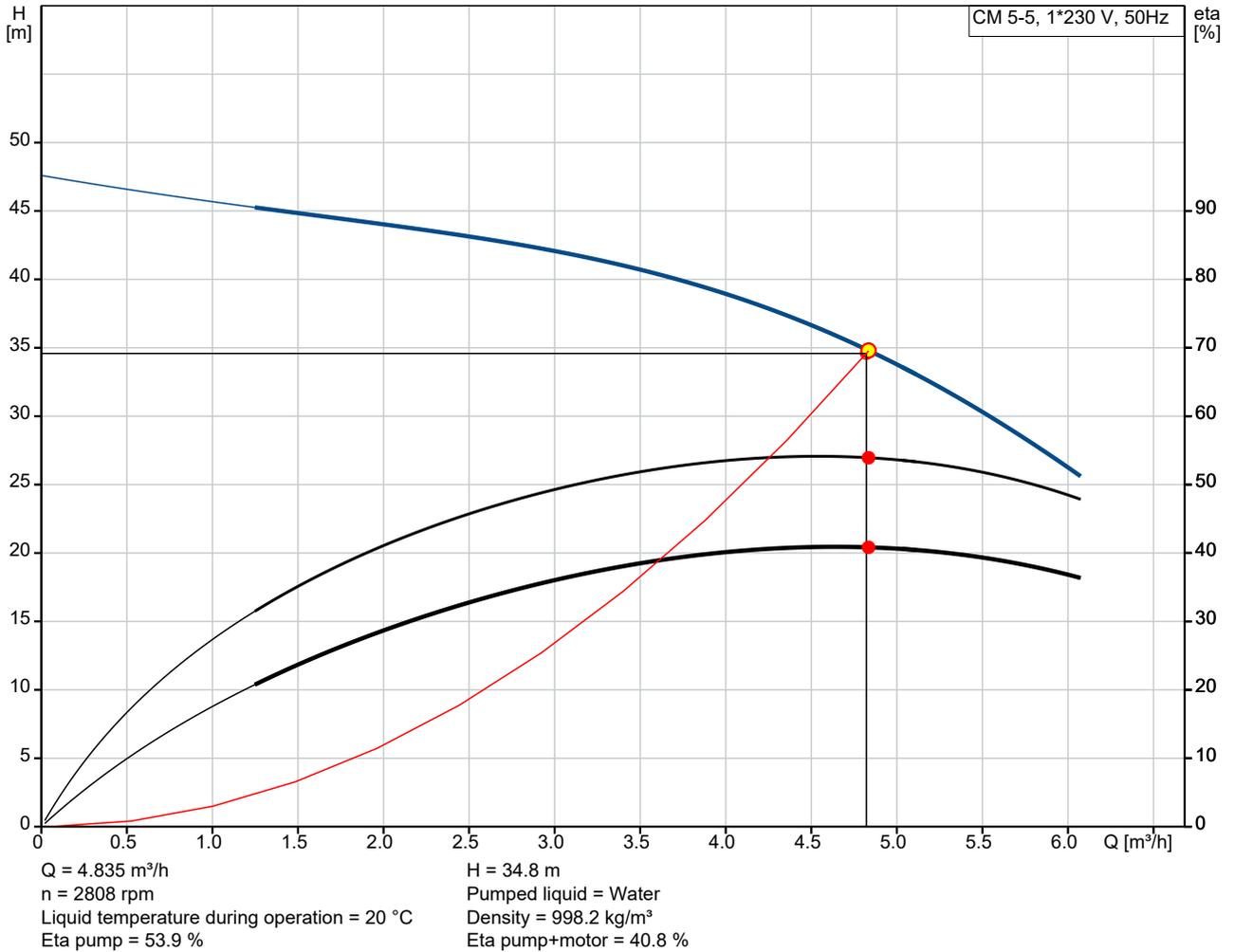
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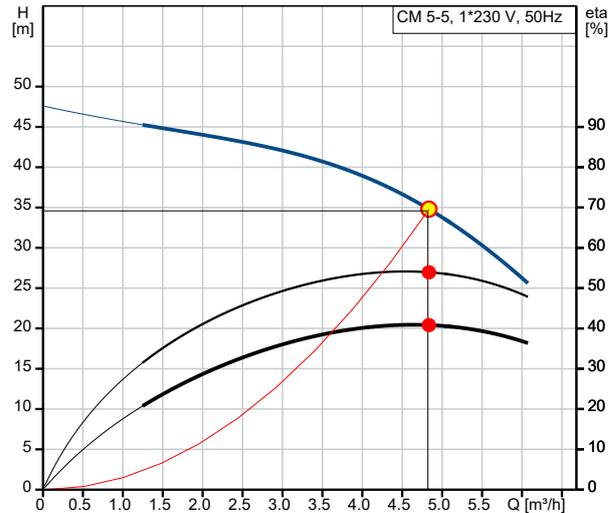
Qty. Description

1	Motor standard:	IEC
	Frame size:	80B
	Rated power - P2:	0.9 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:	5.4-5.0 A
	Starting current:	430-430 %
	Rated speed:	2750-2790 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 ≥:	0.7
	Net weight:	15.6 kg
	Gross weight:	18.1 kg

96935461 CM 5-5 A-R-G-E-AVBE C-A-A-N 50 Hz

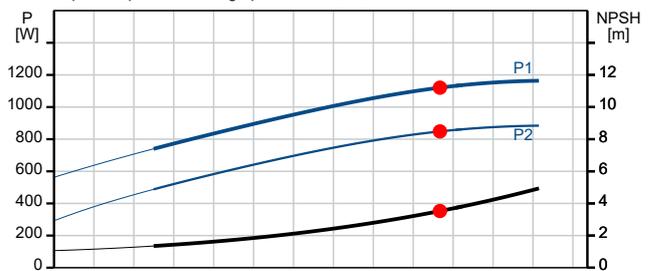


Description	Value
General information:	
Product name:	CM 5-5 A-R-G-E-AVBE C-A-A-N
Product No:	96935461
EAN number:	5700314053697
Technical:	
Pump speed on which pump data are based:	2900 rpm
Actual calculated flow:	4.835 m ³ /h
Rated flow:	4.7 m ³ /h
Resulting head of the pump:	34.8 m
Rated head:	38.62 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
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 1/4 inch
Size of outlet connection:	1 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:	80B
Rated power - P2:	0.9 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:	5.4-5.0 A
Starting current:	430-430 %
Rated speed:	2750-2790 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTO
Cable included (Yes/No):	N
Controls:	



Q = 4.835 m³/h
 n = 2808 rpm
 Density = 998.2 kg/m³
 Eta pump+motor = 40.8 %
 Liquid temperature during operation = 20 °C

H = 34.8 m
 Pumped liquid = Water
 Eta pump = 53.9 %



P1 = 1121 W
 P2 = 848.3 W
 NPSH = 3.53 m



Company name:

Created by:

Phone:

Date:

09/05/2023

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	12
Minimum efficiency index, MEI ≥:	0.7
Net weight:	15.6 kg
Gross weight:	18.1 kg

