Qty. | Description

1 CM 3-6 A-R-A-E-AVBE C-A-A-N



Product No.: On request

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).

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: 3.1 m³/h
Rated head: 41.81 m
Code for shaft seal: AVBE

Approvals: CE,EAC,UKCA
Approvals for drinking water: ACS,NSF61
Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron

EN-GJL-200 ASTM A48-25A

Impeller: Stainless steel

EN 1.4301 AISI 304

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

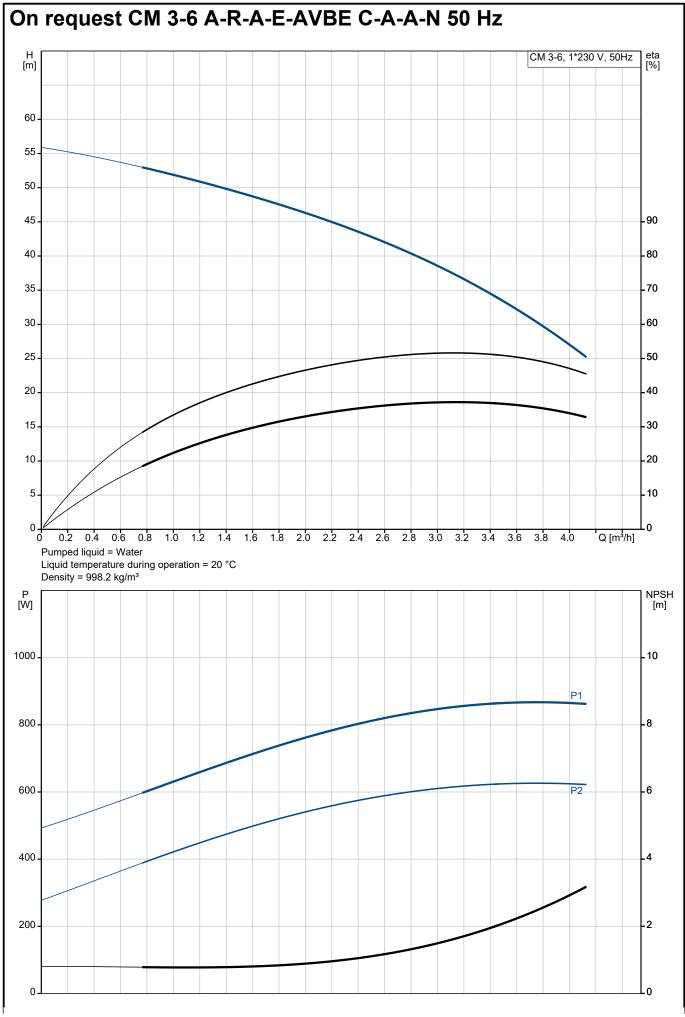
Electrical data:

Motor standard:IECFrame size:80ARated power - P2:0.67 kWMains frequency:50 Hz

Suitable for 50/60 Hz: N Rated voltage: 1 x 220-240 V V

Service factor: 1.00
Rated current: 4.4-4.0 A
Starting current: 390-390 %

Qty. Description 1 Rated speed: 2720-2800 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: 14.2 kg Gross weight: 16.7 kg Country of origin: TW Custom tariff no.: 1W Custom tariff no.: 84137042	
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: 14.2 kg Gross weight: 16.7 kg Country of origin: TW	
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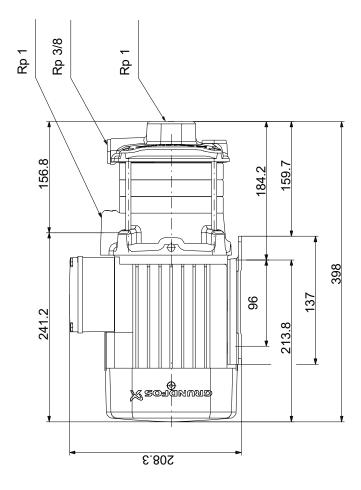


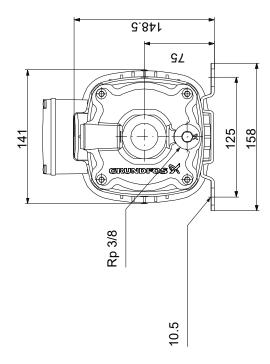
Description	Value	H [m] CM 3-6, 1*230 V, 50Hz
General information:		60 -
Product name:	CM 3-6 A-R-A-E-AVBE	
D 1 (N	C-A-A-N	55
Product No:	On request	50
EAN number:	On request	45
Technical:		40
Pump speed on which pump data are based:	2900 rpm	35
Rated flow:	3.1 m³/h	30
Rated head:	41.81 m	25
Impellers:	6	20
Code for shaft seal:	AVBE	15
Approvals:	CE,EAC,UKCA	
Approvals for drinking water:	ACS,NSF61	10
Curve tolerance:	ISO9906:2012 3B	5-
Pump version:	A	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 Q [m³/h]
Model:	A	Pumped liquid = Water
Materials:	••	Liquid temperature during operation = 20 °C
Pump housing:	Cast iron	Density = 998.2 kg/m³
Pump housing:	EN-GJL-200	P [W]
Pump housing:	ASTM A48-25A	1000
Impeller:	Stainless steel	P1
Impeller:	EN 1.4301	800
Impeller:	AISI 304	
Material code:	A151 304	600 P2
Code for rubber:	E	
Code for rupper:	Ľ	400
Range of ambient temperature:	-20 55 °C	
-	-20 55 C	200
Maximum operating pressure:	10 bar 10 bar / 40 °C	
Max pressure at stated temp:	6 bar / 90 °C	0
Max pressure at stated temp:		
Type of connection: Size of inlet connection:	Rp 1 inch	_
Size of inlet connection: Size of outlet connection:		141 241.2 156.8 Rp 1
	1 inch 12	- Pp.3/
Outlet position:		Rp 38
Connect code:	R	
Liquid:	Motor	10.5
Pumped liquid:	Water	125 125 158
Liquid temperature range: Selected liquid temperature:	-20 90 °C 20 °C	158 213.8 159.7 137
		398
Density: Electrical data:	998.2 kg/m³	
Motor standard:	IEC	
Frame size:	80A	
Rated power - P2:	0.67 kW	
Mains frequency:	50 Hz	
Suitable for 50/60 Hz:	N 1 × 220 240 V/V	
Rated voltage:	1 x 220-240 V V	
Service factor:	1.00	_
Rated current:	4.4-4.0 A	_
Starting current:	390-390 %	AUX
Rated speed:	2720-2800 rpm	
Enclosure class (IEC 34-5):	IP55	MAIN
Insulation class (IEC 85):	F	
Built-in motor protection:	PTO	
Cable included (Yes/No):	N	
Controls:	NONE	
Frequency converter:	NONE	
Others:		
Terminal box position:	12	
Minimum official and indicate MEIS	0.7	$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$
Net weight:	14.2 kg	
Minimum efficiency index, MEI ≥: Net weight: Gross weight:	14.2 kg 16.7 kg	

NPSH [m] 10

Description	Value 84137042
Custom tariff no.:	84137042

On request CM 3-6 A-R-A-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.