GRUNDFOS	Create Phone
	Date:

02/10/2023

Qty.	Description
1	CM 3-2 A-R-A-E-AVBE C-A-A-N

Product No.: 96806802

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).

rpm

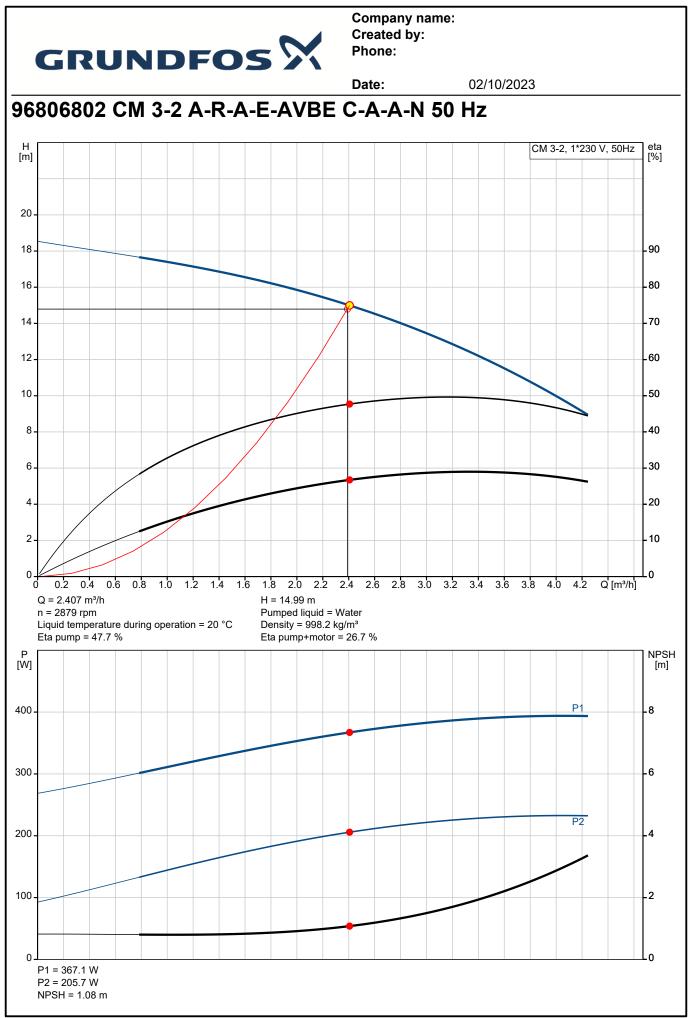
The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor.

Controls: Frequency converter:	NONE
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -20 90 °C 20 °C 998.2 kg/m³
Technical: Pump speed on which pump data Actual calculated flow: Rated flow: Resulting head of the pump: Rated head: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance:	are based: 2900 2.407 m³/h 3.1 m³/h 14.99 m 13.55 m AVBE CE,EAC,UKCA ACS,NSF61 ISO9906:2012 3B
Materials: Pump housing: Impeller:	Cast iron EN-GJL-200 ASTM A48-25A Stainless steel EN 1.4301 AISI 304
Installation: Range of ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Outlet position:	-20 55 °C 10 bar 10 bar / 40 °C 6 bar / 90 °C Rp 1 inch 1 inch 12
Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency: Suitable for 50/60 Hz: Rated voltage: Service factor: Rated current: Starting current: Rated speed:	IEC 71A 0.3 kW 50 Hz N 1 x 220-240 V V 1.00 1.8-2.4 A 340-340 % 2800-2830 rpm



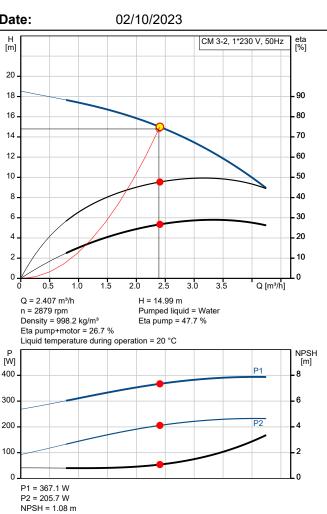
Company name: Created by:

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			Date:	02/10/2023	
ty.	Description				
	Enclosure class (IEC 34-5):	IP55			
	Insulation class (IEC 85):	F			
	Built-in motor protection:	PTO			
	Cable included (Yes/No):	Ν			
	Others:				
	Terminal box position:	12			
	Minimum efficiency index, MEI ≥:				
	Net weight:	11 kg			
	Gross weight:	13.5 kg			





DescriptionValueGeneral information:Product name:CM 3-2 A-R-A-E-AVBE C-A-A-NProduct No:96806802EAN number:5700310917498Technical:Pump speed on which pump data are based:2900 rpmActual calculated flow:2.407 m³/hRated flow:3.1 m³/hResulting head of the pump:14.99 mPated head29.55 m	_ 1 _ 1 _ 1
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Rated flow:3.1 m³/hResulting head of the pump:14.99 m	- 1
Resulting head of the pump: 14.99 m	
Datad baady 42 FF m	
Rated head: 13.55 m	
Impellers: 2	
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:	
Pump housing: Cast iron	[V
Pump housing: EN-GJL-200	40
Pump housing: ASTM A48-25A	- 30
Impeller: Stainless steel	50
Impeller: EN 1.4301	20
Impeller: AISI 304	
Material code: A	10
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 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 <sup>3</sup> Electrical data:	
Motor standard: IEC	
Frame size: 71A	
Rated power - P2: 0.3 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: 1.8-2.4 A	
Starting current: 340-340 %	
Rated speed: 2800-2830 rpm	
Enclosure class (IEC 34-5): IP55	
Insulation class (IEC 85): F	
Built-in motor protection: PTO	
Cable included (Yes/No): N	



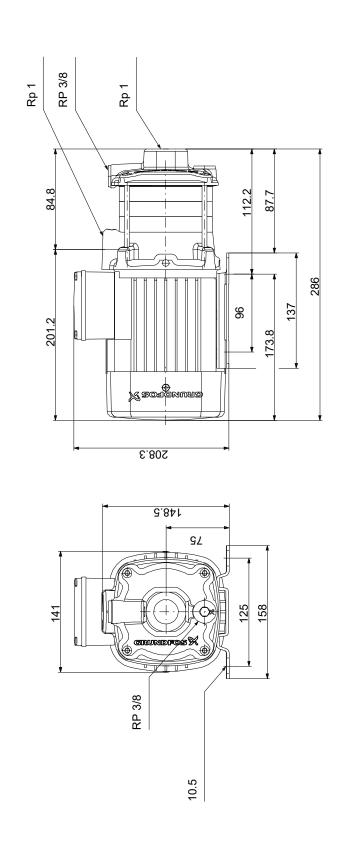


		Date:	02/10/2023
scription	Value		
ontrols:			
Frequency converter:	NONE		
Others:			
erminal box position:	12		
linimum efficiency index, MEI ≥:	0.7		
et weight:	11 kg		
ross weight:	13.5 kg		



02/10/2023

## 96806802 CM 3-2 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.