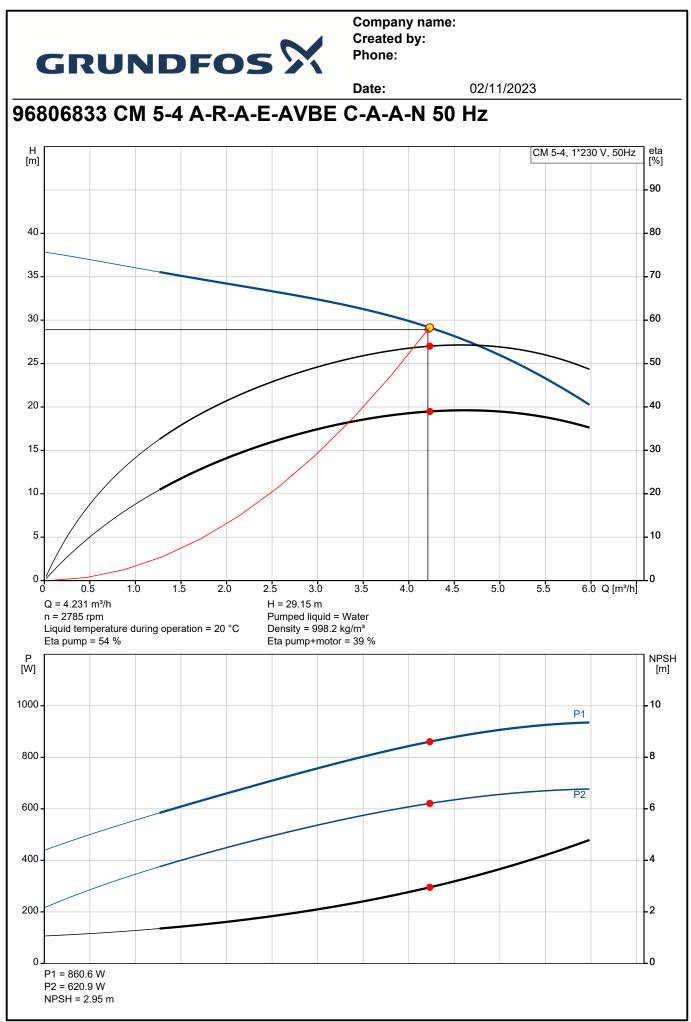
	GRUNDFO		Company na Created by: Phone:	
	JKUNDF) 3 / \	Date:	02/11/2023
Qty.	Description			
1	CM 5-4 A-R-A-E-AVBE C-A-A-N			
	Product No.: 96806833	Note! Product pictur	re may differ from ac	tual product
	port. The shaft, impellers and ch	ambers are made of s a special designed,	stainless steel. Th	with axial suction port and radial discharge ne inlet and discharge parts are made of cast ng seal. Pipework connection is via internal
	The pump is fitted with a 1-phase	e, foot-mounted, fan-o	cooled asynchron	ious 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 dat Actual calculated flow: Rated flow: Resulting head of the pump: Rated head: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance:	a are based: 2900 4.231 m³/h 4.7 m³/h 29.15 m 30.69 m AVBE CE,EAC,UKCA ACS,NSF61 ISO9906:2012 3B	rpm	
	Materials: Pump housing:	Cast iron EN-GJL-200 ASTM A48-25A		
	Impeller:	Stainless steel EN 1.4301 AISI 304		
	Installation: Range of ambient temperature: Maximum operating pressure: Max pressure at stated temp:	-20 55 °C 10 bar 10 bar / 40 °C 6 bar / 90 °C		
	Type of connection: Size of inlet connection: Size of outlet connection: Outlet position:	Rp 1 1/4 inch 1 inch 12		



			Date:	02/11/2023
Qty.	Description			
1	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: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection:	IEC 80A 0.67 kW 50 Hz N 1 x 220-240 V V 1.00 4.4-4.0 A 390-390 % 2720-2800 rpm IP55 F PTO		
	Cable included (Yes/No): Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight: Gross weight:	N 12 0.7 13.6 kg 16.1 kg		





		Date: 02/11/2023
Description	Value	H [m] CM 5-4, 1*230 V, 50Hz eta [%]
General information:		
Product name:	CM 5-4 A-R-A-E-AVBE C-A-A-N	40
Product No:	96806833	35
EAN number:	5700310917801	30 - 60
Technical:		
Pump speed on which pump data are based:	2900 rpm	25 50
Actual calculated flow:	4.231 m³/h	20 40
Rated flow:	4.7 m³/h	15 30
Resulting head of the pump:	29.15 m	
Rated head:	30.69 m	
Impellers:	4	5 / 10
Code for shaft seal:	AVBE	
Approvals:	CE,EAC,UKCA	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 Q [m³/h]
Approvals for drinking water:	ACS,NSF61	Q = 4.231 m ³ /h H = 29.15 m
Curve tolerance:	ISO9906:2012 3B	n = 2785 rpm Pumped liquid = Water
Pump version:	Α	Density = 998.2 kg/m ³ Eta pump = 54 % Eta pump+motor = 39 %
Model:	Α	Liquid temperature during operation = 20 °C
Materials:		P NPSF [W] [m]
Pump housing:	Cast iron	P1
Pump housing:	EN-GJL-200	800 - 8
Pump housing:	ASTM A48-25A	600 P2 6
Impeller:	Stainless steel	400 400
mpeller:	EN 1.4301	
mpeller:	AISI 304	200 - 2
Material code:	А	
Code for rubber:	E	P1 = 860.6 W P2 = 620.9 W
Installation:		NPSH = 2.95 m
Range of ambient temperature:	-20 55 °C	
Maximum operating pressure:	10 bar	141 241.2 120.8 Rp 1
Max pressure at stated temp:	10 bar / 40 °C	141 RP 38
Max pressure at stated temp:	6 bar / 90 °C	
Type of connection:	Rp	RP 38
Size of inlet connection:	1 1/4 inch	
Size of outlet connection:	1 inch	
Outlet position:	12	158 213.8 123.7
Connect code:	R	137
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-20 90 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:		
Motor standard:	IEC	
Frame size:	80A	
Rated power - P2:	0.67 kW	
Mains frequency:	50 Hz	
Suitable for 50/60 Hz:	Ν	
Rated voltage:	1 x 220-240 V V	
Service factor:	1.00	
Rated current:	4.4-4.0 A	
Starting current:	390-390 %	
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):	Ν	(¬, 𝒫)
Cable included (Yes/No):		

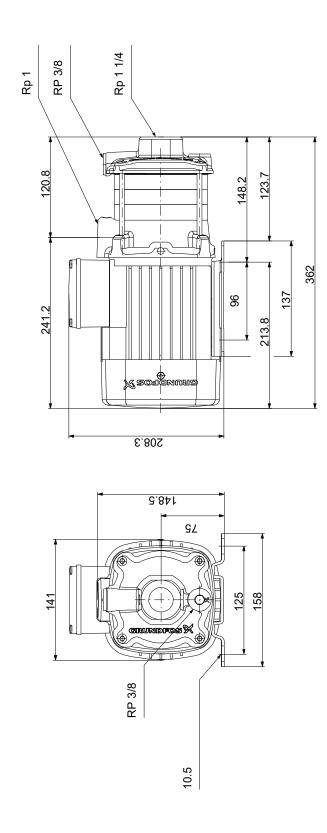


		Date:	02/11/2023	
Description	Value			
Controls:				
Frequency converter:	NONE			
Others:				
Terminal box position:	12			
Minimum efficiency index, MEI ≥:	0.7			
Net weight:	13.6 kg			
Gross weight:	16.1 kg			



02/11/2023

96806833 CM 5-4 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.