	GRUNDFO	258	Company n Created by: Phone:				
			Date:	18/12/2023			
Qty.	Description						
1	CM 5-5 A-R-A-E-AVBE C-A-A-N						
	Product No.: 96806813	Note! Product picture	e may differ from ac	tual product			
	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: Liquid temperature range:	-20 90 °C					
	Technical: Pump speed on which pump data Rated flow: Rated head: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance:	a are based: 2900 f 4.7 m³/h 38.61 m AVBE CE,EAC,UKCA ACS,NSF61 ISO9906:2012 3B	rpm				
	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:	-20 55 °C 10 bar 10 bar / 40 °C 6 bar / 90 °C Rp 1 1/4 inch					
	Size of outlet connection: Outlet position:	1 inch 12					
	Electrical data: Motor standard: Frame size: Rated power - P2: Mains frequency:	IEC 80B 0.9 kW 50 Hz					



			Date:	18/12/2023	
Qty.	Description				
1	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):	Ν			
	Others:				
	Terminal box position:	12			
	Minimum efficiency index, MEI ≥:				
	Net weight:	14.9 kg			
	Gross weight:	17.4 kg			
	C C	0			



GRUNDI						
		Date: 18/12/2023				
Description	Value	H [m] CM 5-5, 1*230 V, 50Hz [%]				
General information:		50 - 100				
Product name:	CM 5-5 A-R-A-E-AVBE C-A-A-N	45 90				
Product No:	96806813	40 - 80				
EAN number:	5700310917603					
Technical:		35 70				
Pump speed on which pump data are based:	2900 rpm	30 - 60 - 50				
Rated flow:	4.7 m³/h					
Rated head:	38.61 m	20 40				
Impellers:	5	15 30				
Code for shaft seal:	AVBE	10 20				
Approvals:	CE,EAC,UKCA	5-10				
Approvals for drinking water:	ACS,NSF61					
Curve tolerance:	ISO9906:2012 3B	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]				
Pump version:	А	Q = 4.574 m ³ /h H = 36.36 m				
Model:	А	n = 2816 rpm Pumped liquid = Water				
Materials:		Density = 998.2 kg/m ³ Eta pump = 54.9 % Eta pump+motor = 41.4 %				
Pump housing:	Cast iron	Liquid temperature during operation = 20 °C				
Pump housing:	EN-GJL-200	P [W] P1 [m]				
Pump housing:	ASTM A48-25A					
Impeller:	Stainless steel	1000 - 10				
Impeller:	EN 1.4301	800 P2 8				
Impeller:	AISI 304	600 - 6				
Material code:	A	400 - 4				
Code for rubber:	E	200 - 2				
Installation:		0				
Range of ambient temperature:	-20 55 °C	P1 = 1092 W P2 = 823.8 W				
Maximum operating pressure:	10 bar	NPSH = 3.28 m				
Max pressure at stated temp:	10 bar / 40 °C					
Max pressure at stated temp:	6 bar / 90 °C	RP 1				
Type of connection:	Rp	141 241.2 138.8 RP 38				
Size of inlet connection:	1 1/4 inch					
Size of outlet connection:	1 inch	RP 3/8				
Outlet position:	12					
Connect code:	R					
Liquid:	IX					
Liquid temperature range:	-20 90 °C	756 213.8 141.7 137				
Electrical data:	-20 90 C	380				
Motor standard:	IEC					
Frame size:	80B					
Rated power - P2:	0.9 kW					
Mains frequency:	50 Hz					
	N					
Suitable for 50/60 Hz: Rated voltage:						
Service factor:	1 x 220-240 V V 1.00					
Service factor: Rated current:		AUX				
	5.4-5.0 A					
Starting current:	430-430 %	MAIN				
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):	Ν					
Controls:						
Frequency converter:	None					
Others:	- 10					
Terminal box position:	12 0.7					
Minimum efficiency index, MEI ≥:						



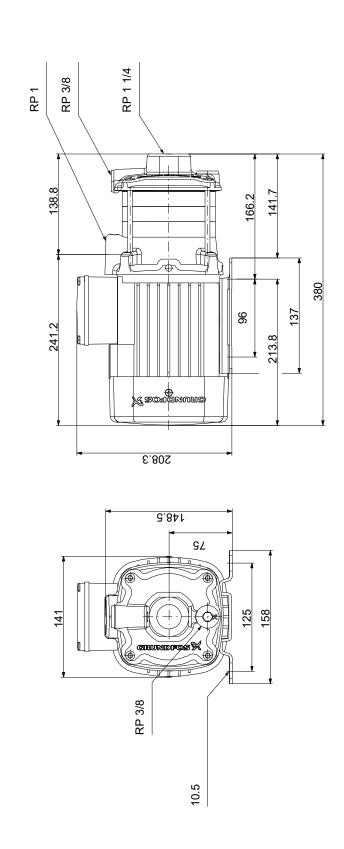
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DescriptionValueNet weight:14.9 kgGross weight:17.4 kg



18/12/2023

96806813 CM 5-5 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.