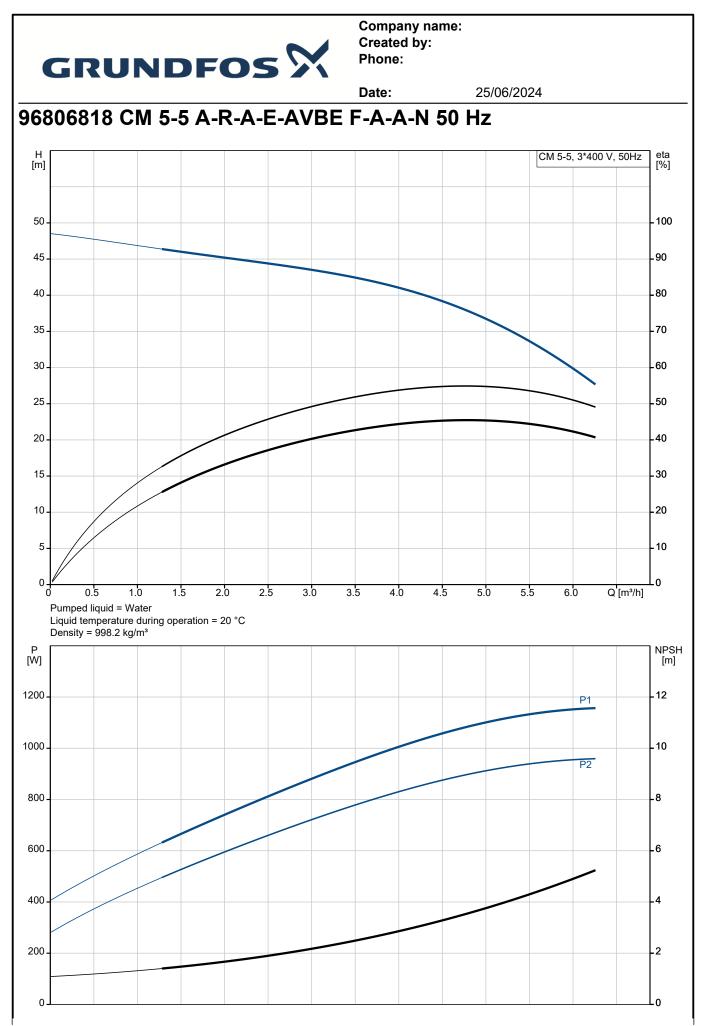
	GRUNDFO	5 58	Company n Created by: Phone:				
			Date:	25/06/2024			
Qty.	Description						
1	CM 5-5 A-R-A-E-AVBE F-A-A-N						
		Note! Product pictu	re may differ from ac	tual product			
	Note! Product picture may differ from actual product Product No.: 96806818						
Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial disch port. The shaft, impellers and chambers are made of stainless steel. The inlet and discharge parts are made of iron. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via inter Whitworth pipe threads, Rp (ISO 7/1). The pump is fitted with a 3-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 dat Rated flow: Rated head: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance:	a are based: 2900 4.7 m³/h 38.61 m AVBE EAC ACS,NSF61 ISO9906:2012 3B	rpm				
	Materials: Pump housing: Impeller:	Cast iron EN-GJL-200 ASTM A48-25A Stainless steel EN 1.4301					
	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: Electrical data:	AISI 304 -20 55 °C 10 bar 10 bar / 40 °C 6 bar / 90 °C Rp 1 1/4 inch 1 inch 12					
	Electrical data: Motor standard:	IEC					



			Date:	25/06/2024	
y .	Description				
	Frame size:	80C			
	IE efficiency class:	IE2			
	Rated power - P2:	1.2 kW			
	Mains frequency:	50 Hz			
	Suitable for 50/60 Hz:	Ν			
	Rated voltage:	3 x 220-240D/380-4	415Y V		
	Service factor:	1.00			
	Rated current:	4,8-5,2/2,8-3 A			
	Starting current:	770-800 %			
	Rated speed:	2820-2860 rpm			
	Enclosure class (IEC 34-5):	IP55			
	Insulation class (IEC 85):	F			
	Built-in motor protection:	NONE			
	Cable included (Yes/No):	Ν			
	Others:				
	Terminal box position:	12			
	Minimum efficiency index, MEI ≥				
	Net weight:	15.9 kg			
	Gross weight:	18.4 kg			
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Description	Value	H			CM 5-5, 3	*400 V, 50Hz
General information:	value	[m]				
Product name:	CM 5-5 A-R-A-E-AVBE F-A-A-N	50 - 45 -				
Product No:	96806818					
EAN number:	5700310917658	40 -				
Technical:		35 -				
Pump speed on which pump data are based:	2900 rpm	30 - 25 -				
Rated flow:	4.7 m³/h					
Rated head:	38.61 m	20 -				
Impellers:	5	15				
Code for shaft seal:	AVBE	10				
Approvals:	EAC	5 -				
Approvals for drinking water:	ACS,NSF61	5-				
Curve tolerance:	ISO9906:2012 3B		0.5 1.0 1.5 2.0	2.5 3.0 3.5 4	10 15 50 5	.5 Q [m³/h]
Pump version:	A			2.0 0.0 0.0	4.0 4.0 0.0 0	.5 Q[iii/ii]
Model:	A	- L	Pumped liquid = Water _iquid temperature duri	ng operation = 20 °	°C	
Materials:	13		Density = 998.2 kg/m ³			
Pump housing:	Cast iron	– [W]				
Pump housing:	EN-GJL-200	_ ``+				P1
	ASTM A48-25A	1000 -				
Pump housing: Impeller:	ASTM A48-25A Stainless steel	1000 -				P2
•	EN 1.4301	800 -				
Impeller:		_				
Impeller:	AISI 304	600 -				_
Material code:	A	400				
Code for rubber:	E					
Installation:	00 55 00	200 -				
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		141	. •	261.2	138.8 F
Type of connection:	Rp					
Size of inlet connection:	1 1/4 inch					
Size of outlet connection:	1 inch			181 181		
Outlet position:	12	10.5		22		
Connect code:	R		125	┓┙┙╺┝╚═	96	166.2
Liquid:			158		233.8	141.7
Pumped liquid:	Water				400	
Liquid temperature range:	-20 90 °C					
Selected liquid temperature:	20 °C					
Density:	998.2 kg/m³					
Electrical data:						
Motor standard:	IEC					
Frame size:	80C					
IE efficiency class:	IE2					
Rated power - P2:	1.2 kW	هم	HIGH VOLT. DIRECTION OF R	AGE OTATION		
Mains frequency:	50 Hz	- 62	(
Suitable for 50/60 Hz:	Ν		, ,)			
Rated voltage:	3 x 220-240D/380-415Y V		0 B	<u> </u>		
Service factor:	1.00	- -	1-087			
Rated current:	4,8-5,2/2,8-3 A	- 、	-06	<u>, </u>		
Starting current:	770-800 %	_ ≻	<u>n</u>	- - - -		
Rated speed:	2820-2860 rpm		LOW VOLTA DIRECTION OF R			
Enclosure class (IEC 34-5):	IP55	- 60				
Insulation class (IEC 85):	F	ר. -				
Built-in motor protection:	NONE			<u>_</u>		
		_ ❤	- ಇಸ್ಟ್ರೇಟ್	<u> </u>		
	Ν		104-1-1			
Cable included (Yes/No): Controls:	Ν					

eta [%]

NPSH [m]

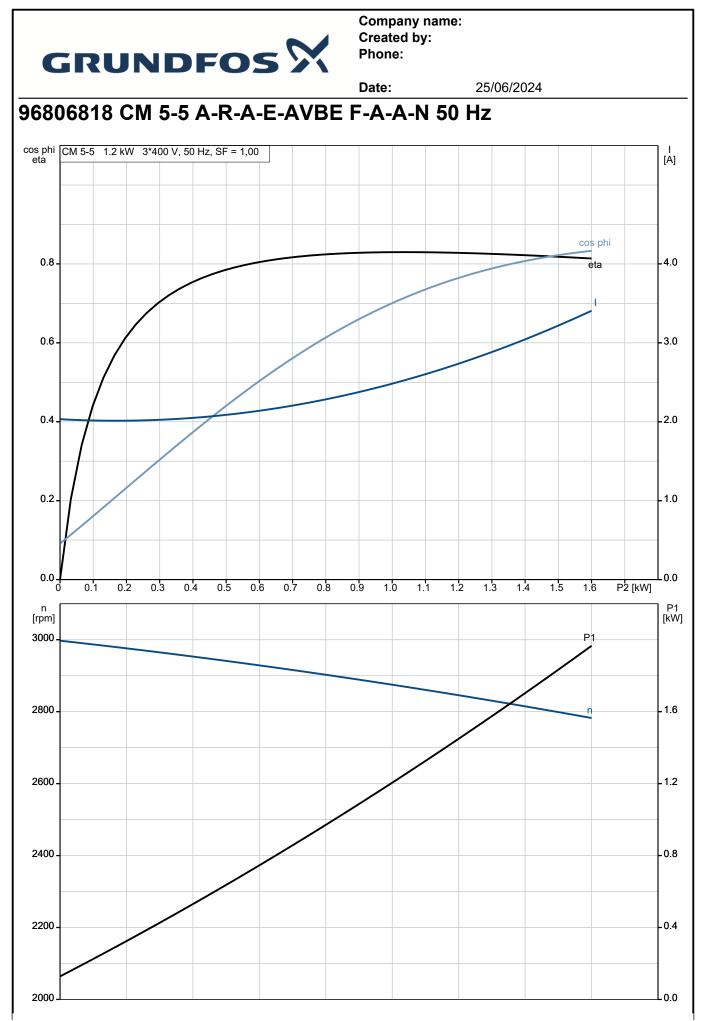
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RP 1 RP 3/8 RP 1 1/4



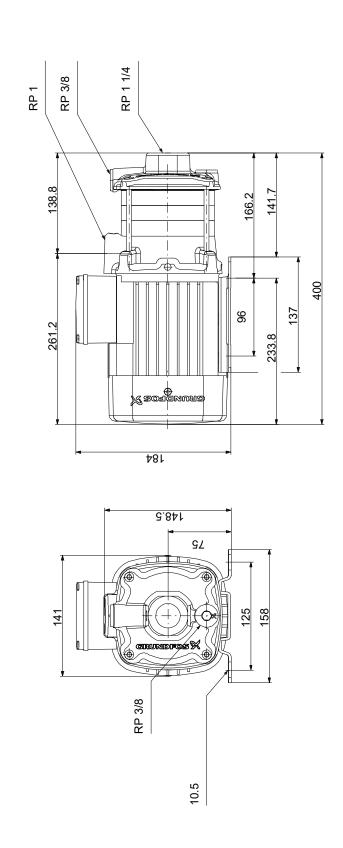
		Date:	25/06/2024
Description	Value		
Frequency converter:	None		
Others:			
Terminal box position:	12		
Minimum efficiency index, MEI ≥:	0.7		
Net weight:	15.9 kg		
Gross weight:	18.4 kg		





25/06/2024

96806818 CM 5-5 A-R-A-E-AVBE F-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.