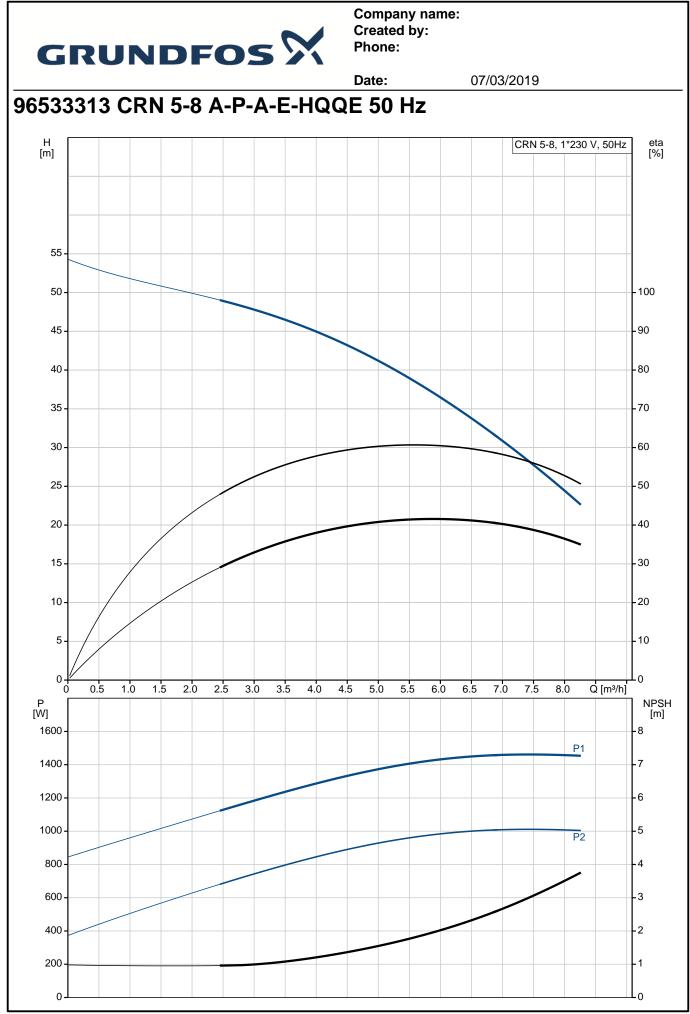
	GRUNDFO	os X	Company name: Created by: Phone:			
			Date:	07/03/2019		
Qty.	Description					
1	CRN 5-8 A-P-A-E-HQQE					
	Product No.: 96533313					
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via P. (Victaulic®) couplings.					
	The pump is fitted with a 1-phase	e, fan-cooled asynch	ronous motor.			
	Controls:					
	Frequency converter:	NONE				
	Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -20 120 °C ion: 20 °C 998.2 kg/m³				
	Technical:					
	Pump speed on which pump dat		pm			
	Rated flow: Rated head:	5.8 m³/h 37.8 m				
	Pump orientation:	Vertical				
	Shaft seal arrangement:	Single				
	Code for shaft seal:	HQQE				
	Approvals on nameplate: Curve tolerance:	CE, EAC,ACS ISO9906:2012 3B				
	Materials:					
	Base:	Stainless steel				
		EN 1.4408				
	Impeller:	AISI 316 Stainless steel EN 1.4401 AISI 316				
	Bearing:	SIC				
	Installation:					
	Maximum ambient temperature:	40 °C				
	Maximum operating pressure: Max pressure at stated temp:	25 bar 25 bar / 120 °C 25 bar / -20 °C				
	Type of connection: Size of inlet connection:	PJE DN 32				
	Size of outlet connection:	1 1/4 inch DN 32 1 1/4 inch				
	Pressure rating for pipe connecti	on: PN 50				
	Flange size for motor:	FT115				



Company name: Created by: Phone:

		Date:	07/03/2019	
Description				
Electrical data:				
Motor standard:	IEC			
Motor type:	90SB			
Rated power - P2:	1.1 kW			
Power (P2) required by pump:	1.1 kW			
Mains frequency:	50 Hz			
Rated voltage:	1 x 220-230/240 V			
Rated current:	7.40/6.70 A			
Starting current:	390 %			
Cos phi - power factor:	0.98/0.99			
Rated speed:	2770 rpm			
Motor efficiency at full load:	73-71 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Others:				
Minimum efficiency index, MEI	≥: 0.57			
Net weight:	32.4 kg			
Gross weight:	36.5 kg			
Shipping volume:	0.092 m ³			
Country of origin:	GB			
Custom tariff no.:	84137075			





Company name: Created by: Phone:

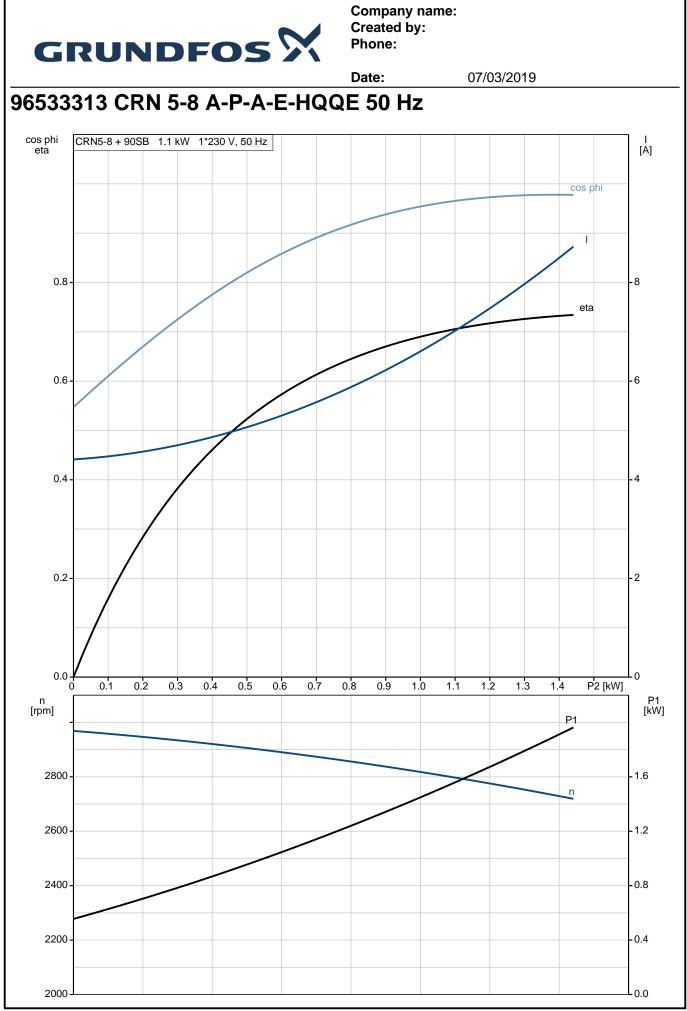
			07/03	-		
Description General information:	Value	[m]		CRN 5-8	, 1*230 V, 50Hz	et [%
Product name:	CRN 5-8 A-P-A-E-HQQE	55 -				
Product No:	96533313					
EAN number:	5700397446898	50 -				- 100
Price:	1.213,00 GBP	45 -				- 90
Technical:	,					
Pump speed on which pump data are based:	2789 rpm	40 - 35 -				- 80 - 70
Rated flow:	5.8 m³/h					~~
Rated head:	37.8 m	30 -				- 60
Head max:	54 m	25 -				- 50
Stages:	8	20 -				- 40
Impellers:	8					
		15 -				- 30
Number of reduced-diameter impellers: Low NPSH:	0	10 -				- 20
	N	/				10
Pump orientation:	Vertical	5-				- 10
Shaft seal arrangement:	Single	o <u>/</u>	1 2 3 4	5 6	7 Q [m³/h]	- 0
Code for shaft seal:	HQQE	— Р Г	1 2 3 4	0 0		NP
Approvals on nameplate:	CE, EAC,ACS	P [W]				[n
Curve tolerance:	ISO9906:2012 3B	1400 -			P1	-7
Pump version:	A	1200 -				-6
Model:	А					
Materials:		1000 -			P2	-5
Base:	Stainless steel	800 -				- 4
	EN 1.4408	600 -				- 3
	AISI 316	400 -				-2
Impeller:	Stainless steel	200 -				- 1
	EN 1.4401	0				- 0
	AISI 316	16				
Material code:	А		139			
Code for rubber:	E					
Bearing:	SIC					
Installation:		281				
Maximum ambient temperature:	40 °C	— 1				
Maximum operating pressure:	25 bar					
Max pressure at stated temp:	25 bar / 120 °C	<u>135</u> G 1/2	G 1/2			
· · · · · · · · · · · · · · · · · · ·	25 bar / -20 °C	<u></u>				
Type of connection:	PJE	441	<u>Intern</u>			
Size of inlet connection:	DN 32					
	1 1/4 inch					
Size of outlet connection:	DN 32	20				
	1 1/4 inch	• +	100	180		
Pressure rating for pipe connection:	PN 50		<u>150</u> 210	210		
Pressure rating for pipe connection: Flange size for motor:	FT115		······································			
						٦
Connect code:	Р	10 CG	RECTION OF ROTATION	DIRECTION	N OF ROTATION	
Liquid:	10/	BLAO		BLACK		
Pumped liquid:	Water	שַ		YELLOW	E di	
Liquid temperature range:	-20 120 °C	MALIN MALIN	W2 U2 V2 N	AUX	12 <u>-U2)(V2</u> _N	
Liquid temperature during operation:	20 °C				<u>J1)•(V1) (W1)</u> →└	
Density:	998.2 kg/m³					
Electrical data:						_
Motor standard:	IEC					
Motor type:	90SB					
Rated power - P2:	1.1 kW	BLACK		BLACK		
Power (P2) required by pump:	1.1 kW	VOLTAGE				
Mains frequency:	50 Hz			AUX		
Rated voltage:	1 x 220-230/240 V				La -	
Rated current:	7.40/6.70 A	🖻		o di		

Printed from Grundfos Product Centre [2019.01.000]



Company name: Created by: Phone:

		Date:	07/03/2019
Description	Value		
Starting current:	390 %		
Cos phi - power factor:	0.98/0.99		
Rated speed:	2770 rpm		
Motor efficiency at full load:	73-71 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTO		
Motor No:	85215705		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.57		
Net weight:	32.4 kg		
Gross weight:	36.5 kg		
Shipping volume:	0.092 m ³		
Sales region:	GB		
Country of origin:	GB		
Custom tariff no .:	84137075		



Printed from Grundfos Product Centre [2019.01.000]