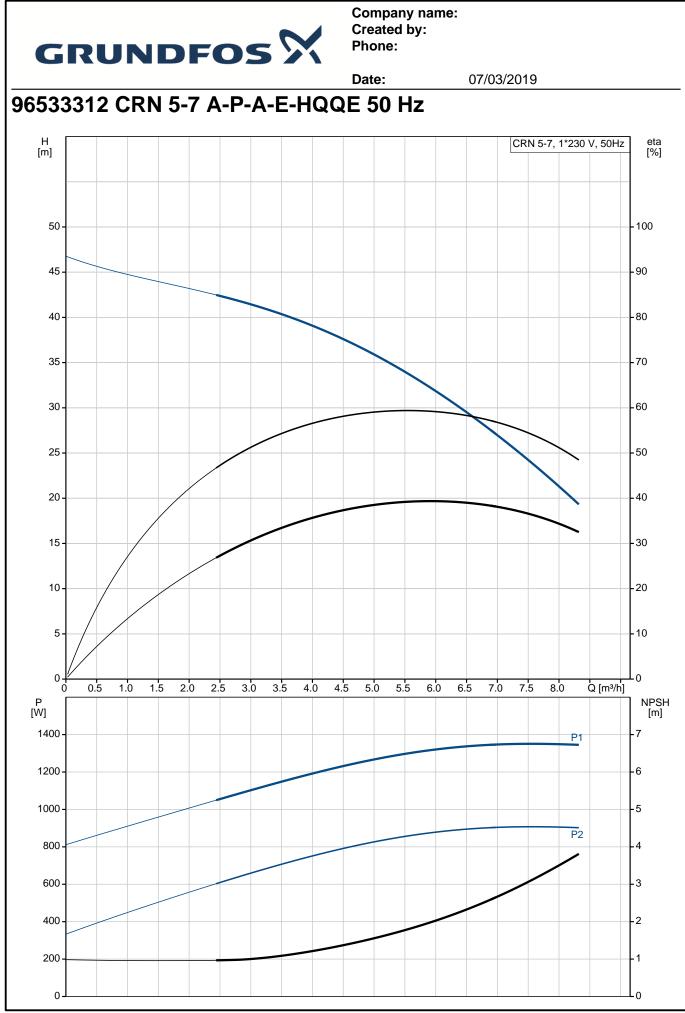
	GRUNDFO	os X	Company name: Created by: Phone:			
			Date:	07/03/2019		
Qty.	Description					
1	CRN 5-7 A-P-A-E-HQQE					
	Product No.: 96533312					
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade 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 PJE (Victaulic®) couplings. The pump is fitted with a 1-phase, fan-cooled asynchronous motor.					
	Controls:					
	Frequency converter:	NONE				
	<b>Liquid:</b> Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -20 120 °C tion: 20 °C 998.2 kg/m³				
	Technical:					
	Pump speed on which pump dat Rated flow:	a are based: 2789 r 5.8 m <sup>3</sup> /h	pm			
	Rated head:	33.1 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				
		AISI 316				
	Impeller:	Stainless steel EN 1.4401 AISI 316				
	Bearing:	SIC				
	Installation:					
	Maximum ambient temperature:	40 °C				
	Maximum operating pressure:	25 bar				
	Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C				
	Type of connection:	PJE				
	Size of inlet connection:	DN 32				
		1 1/4 inch				
	Size of outlet connection:	DN 32				
	Pressure rating for sing connect	1 1/4 inch				
	Pressure rating for pipe connecti Flange size for motor:	FT115				
		1 1 1 1 3				



Company name: Created by: Phone:

Description		Date:	07/03/2019	
Electrical data:				
Motor standard:	IEC			
Motor type:	90SB			
Rated power - P2:	1.1 kW			
Power (P2) required by pump:				
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	l ≥: 0.57			
Net weight:	31.9 kg			
Gross weight:	34.7 kg			
Shipping volume:	0.074 m <sup>3</sup>			
Country of origin:	GB			
Custom tariff no.:	84137075			





## Company name: Created by: Phone:

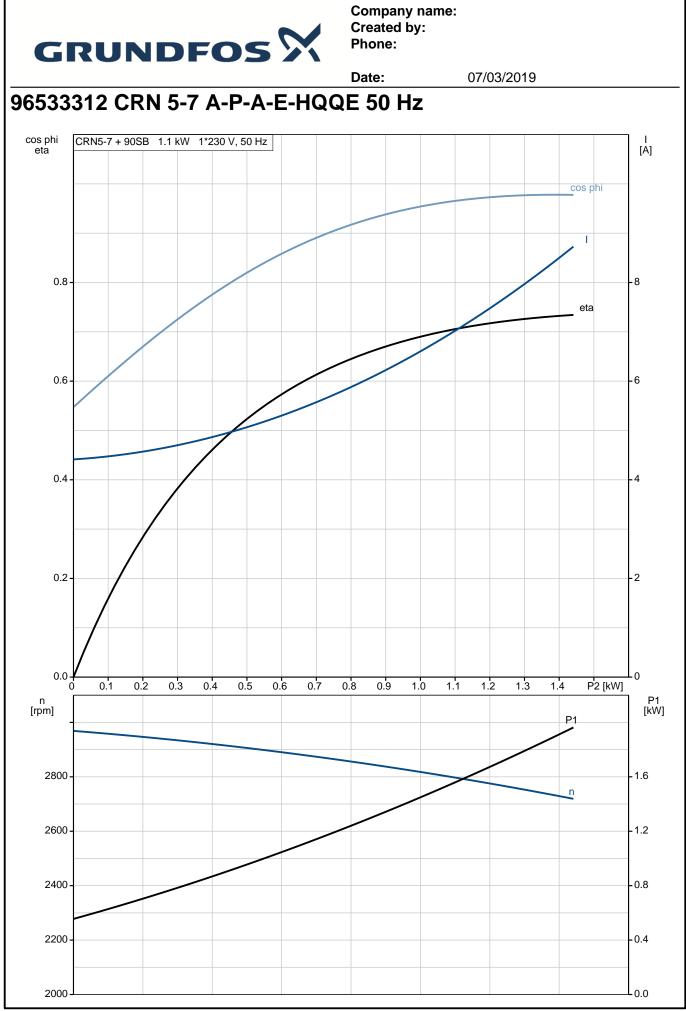
		Date:	07/03/2	2019	
Description	Value	H [m]		CRN 5-7, 1*230 V, 50	Hz eta [%
General information:					
Product name:	CRN 5-7 A-P-A-E-HQQE	50 -			- 100
Product No:	96533312	45 -			- 90
EAN number:	5700397446881				
Price:	1.175,00 GBP	40 -			- 80
Technical:		35 -			- 70
Pump speed on which pump data are based:	2789 rpm	30 -			- 60
Rated flow:	5.8 m³/h	_			
Rated head:	33.1 m	25 -			- 50
Head max:	46.8 m	20 -			- 40
Stages:	7				
Impellers:	7	15 -			- 30
Number of reduced-diameter impellers:	0				20
Low NPSH:	N	10-			- 20
Pump orientation:	Vertical	5-			- 10
•					
Shaft seal arrangement:	Single		2 3 4	5 6 7 Q [m <sup>3</sup>	0
Code for shaft seal:	HQQE	- P			- NPS
Approvals on nameplate:	CE, EAC,ACS	[Ŵ]		P1	[m
Curve tolerance:	ISO9906:2012 3B	1200 -			- 6
Pump version:	A				
Model:	A	1000 -			- 5
Materials:		800 -		P2	- 4
Base:	Stainless steel	600 -			- 3
	EN 1.4408				
	AISI 316	400 -			-2
Impeller:	Stainless steel	200 -			
	EN 1.4401	0			0
	AISI 316	*			
Material code:	A	13	178		
Code for rubber:	E	— ,			
Bearing:	SIC				
Installation:					
Maximum ambient temperature:	40 °C	<u></u>			
Maximum operating pressure:	25 bar				
Max pressure at stated temp:	25 bar / 120 °C	135	G 1/2		
man procedure de oldeou tomp.	25 bar / -20 °C	<u>G 1/2</u>			
Type of connection:	PJE	4	International de la construction de La construction de la construction de	· · ·	
Size of inlet connection:	DN 32	414			
	1 1/4 inch	<u>G 1/2</u>			
Size of outlet econoction:	1 1/4 Inch DN 32				
Size of outlet connection:			100	180	
Description of the second s	1 1/4 inch		150	210	
Pressure rating for pipe connection:	PN 50	<b>k</b>	210		
Flange size for motor:	FT115				
Connect code:	Р	DIRECT	ION OF ROTATION	DIRECTION OF ROTATION	
Liquid:		BLACK		BLACK	
Pumped liquid:	Water				
Liquid temperature range:	-20 120 °C	MOLTAGE AUX	N NO CO	s 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N
Liquid temperature during operation:	20 °C	우 호 홈 표 u BROWN	₩		.L
Density:	998.2 kg/m³				Ð
Electrical data:					9
Motor standard:	IEC				
Motor type:	90SB	—			
Rated power - P2:	1.1 kW	BLACK		BLACK	
Power (P2) required by pump:	1.1 kW				N
Mains frequency:	50 Hz				
Rated voltage:	1 x 220-230/240 V				_
Rated current:	7.40/6.70 A	āl			6
Nateu Guileilt.	1.40/0.70 A			-	

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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:	31.9 kg		
Gross weight:	34.7 kg		
Shipping volume:	0.074 m³		
Sales region:	GB		
Country of origin:	GB		
Custom tariff no.:	84137075		



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