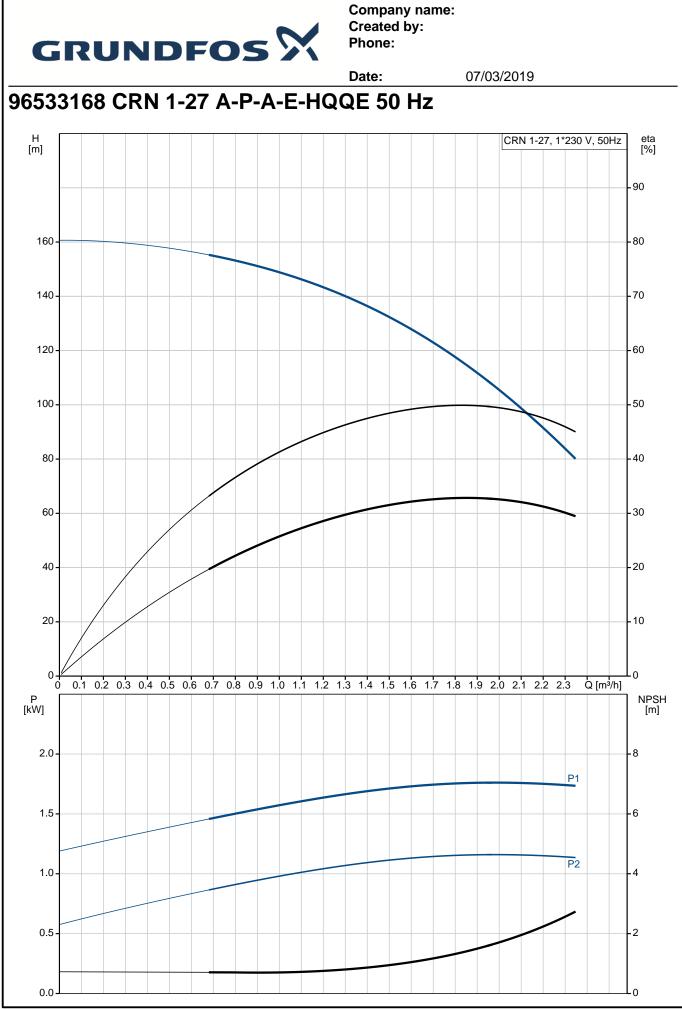
	GRUNDFO	$\mathbf{b}\mathbf{s}\mathbf{X}$	Company na Created by: Phone:	ame:			
			Date:	07/03/2019			
Qty.	Description						
1	CRN 1-27 A-P-A-E-HQQE						
	Product No.: 96533168						
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact 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-phas	e, fan-cooled asynch	nronous motor.				
	Controls:						
	Frequency converter:	NONE					
	Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -20 120 °C tion: 20 °C 998.2 kg/m³					
	Technical: Pump speed on which pump data are based: 2767 rpm						
	Rated flow:	1.8 m ³ /h	ipin				
	Rated head:	117.8 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 AISI 316					
	Impeller:	Stainless steel EN 1.4401 AISI 316					
	Bearing:	SIC					
	Installation:						
	Maximum ambient temperature:						
	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					
	Size of outlet connection:	1 1/4 inch DN 32 1 1/4 inch					
	Pressure rating for pipe connect						
	Flange size for motor:	FT115					

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Company name: Created by: Phone:

GRUNDF	OS X	Phone:		
		Date:	07/03/2019	
Description				
Electrical data:	150			
Motor standard:	IEC			
Motor type:	90LB			
Rated power - P2:	1.5 kW			
Power (P2) required by pump:	1.5 kW			
Mains frequency:	50 Hz			
Rated voltage:	1 x 220-230/240 V			
Rated current:	9.90/8.90 A			
Starting current:	390 %			
Cos phi - power factor:	0.98/0.99			
Rated speed:	2750/2740 rpm			
Motor efficiency at full load:	72-70 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Others: Minimum efficiency index, MEI	ô%.¥• 0.70			
Net weight:	a‰∓. 0.70 39.7 kg			
Gross weight:	42.6 kg			
Shipping volume:	0.13 m ³			
Country of origin:	GB			
Custom tariff no.:	84137075			
1				



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Company name: Created by: Phone:

		н		CRN 1-27, 1*230		eta
Description	Value	[m]		URN 1-27, 1-230	v, suHz	[%]
General information:	CRN 1-27					- 90
Product name:	A-P-A-E-HQQE	160 -				- 80
Product No:	96533168					
EAN number:	5700397430309	140 -				- 70
Price:	1.859,00 GBP					
Technical:		120 -				- 60
Pump speed on which pump data are based:	2767 rpm	100 -				- 50
Rated flow:	1.8 m³/h					
Rated head:	117.8 m	80 -				- 40
Head max:	163.2 m					
Stages:	27	60 -				- 30
Impellers:	27	—				
Number of reduced-diameter impellers:	0	40 -				- 20
Low NPSH:	N	_ / /				
	Vertical	20-				- 10
Pump orientation:						
Shaft seal arrangement:	Single	0 0 2 0 4	0.6 0.8 1.0 1.2	14 16 18 20	Q [m³/h]	Lo
Code for shaft seal:	HQQE			1 1.0 2.0	<u>حر</u> ا۱۱٬۱۱۱] NPS
Approvals on nameplate:	CE, EAC,ACS	P [kW]				[m
Curve tolerance:	ISO9906:2012 3B	2.0 -				-8
Pump version:	A				<u>P1</u>	
Model:	A	1.5 -				-6
Materials:						
Base:	Stainless steel	1.0 -			P2	-4
	EN 1.4408					
	AISI 316	0.5				-2
Impeller:	Stainless steel					
	EN 1.4401	0.0				Lo
	AISI 316	ъ				
Material code:	A	139				
Code for rubber:	E		\Box			
Bearing:	SIC		╥┦			
Installation:		33				
Maximum ambient temperature:	40 °C					
Maximum operating pressure:	25 bar					
Max pressure at stated temp:	25 bar / 120 °C	135 G 1/2				
	25 bar / -20 °C		- With the second secon			
Type of connection:	PJE	<u></u>	TÍ -			
Size of inlet connection:	DN 32	G 1/2	[
	1 1/4 inch					
Size of outlet connection:	DN 32		57 55	LY IL		
	1 1/4 inch			180		
Pressure rating for pipe connection:	PN 50	150	Ľ	210		
	FT115					
Flange size for motor:	-					
Connect code:	Ρ		F ROTATION	DIRECTION OF RO	TATION	
Liquid:	10/ /	BLACK		BLACK		
Pumped liquid:	Water		<u></u> h	YELLOW	μh	
Liquid temperature range:	-20 120 °C			SU SW	v) v	
Liquid temperature during operation:	20 °C	J 2 2 4 UD BROWN UD	<u>(u)</u> <u>u</u>)— -		wj}—∟	
Density:	998.2 kg/m³) (-
Electrical data:						
Motor standard:	IEC					
Motor type:	90LB					
Rated power - P2:	1.5 kW	BLACK		BLACK	_	
Power (P2) required by pump:	1.5 kW	MIX NOL TAGE		VELLOW WATA	N N	
Mains frequency:	50 Hz				.y m⊥_∟	
Rated voltage:	1 x 220-230/240 V					_
Rated current:	9.90/8.90 A			ة (١ <u>٤</u>)



Company name: Created by: Phone:

		Date:	07/03/2019	
Description	Value			
Starting current:	390 %			
Cos phi - power factor:	0.98/0.99			
Rated speed:	2750/2740 rpm			
Motor efficiency at full load:	72-70 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	PTO			
Motor No:	85215706			
Controls:				
Frequency converter:	NONE			
Others:				
Minimum efficiency index, MEI ≥:	0.70			
Net weight:	39.7 kg			
Gross weight:	42.6 kg			
Shipping volume:	0.13 m ³			
Sales region:	GB			
Country of origin:	GB			
Custom tariff no.:	84137075			

