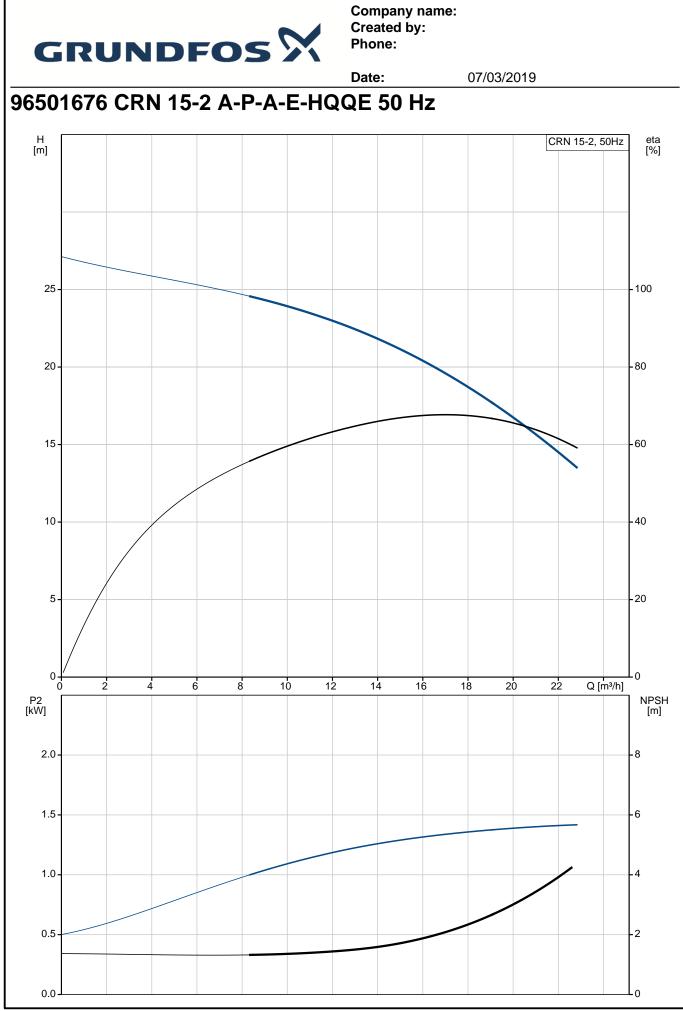
	GRUNDFO	os X	Company name: Created by: Phone:				
			Date:	07/03/2019			
Qty.	Description						
1	CRN 15-2 A-P-A-E-HQQE						
	Product No.: 96501676						
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade 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 PJ (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 ion: 20 °C 998.2 kg/m³					
	Technical:						
	Pump speed on which pump dat		pm				
	Rated flow: Rated head:	17 m³/h 20.2 m					
	Pump orientation:	Vertical					
	Shaft seal arrangement:						
	Code for shaft seal:	Single HQQE					
	Approvals on nameplate:	CE, EAC,ACS					
	Curve tolerance:	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 50					
		2 inch					
	Size of outlet connection:	DN 50 2 inch					
	Pressure rating for pipe connecti						
		FT115					



Company name: Created by: Phone:

	GRUNDF		Phone:		
			Date:	07/03/2019	
<b>.</b>	Description				
	Electrical data:				
	Motor standard:	IEC			
	Motor type:	90LC			
	Rated power - P2:	2.2 kW			
	Power (P2) required by pump:				
	Mains frequency:	50 Hz			
	Rated voltage:	1 x 220-230/240 V			
	Rated current:	14,0-13,6/12,6 A			
	Starting current:	330 %			
	Cos phi - power factor:	1.00			
	Rated speed:				
	Nater officiency of full loads	2730/2720 rpm			
	Motor efficiency at full load:	75 %			
	Number of poles:	2			
	Enclosure class (IEC 34-5):	55 Dust/Jetting			
	Insulation class (IEC 85):	F			
	Others:				
	Minimum efficiency index, MEI				
	Net weight:	48 kg			
	Gross weight:	52 kg			
	Shipping volume:	0.094 m <sup>3</sup>			
	Country of origin:	GB			
	Custom tariff no.:	84137075			





## Company name: Created by: Phone:

		Date:	07/03/2019
Description General information:	Value	H [m]	CRN 15-2, 50Hz eta [%]
Product name:	CRN 15-2 A-P-A-E-HQQE		
Product No:	96501676		
EAN number:	5700396226989	25 -	- 100
Price:	1.883,00 GBP		
Technical:		20	
Pump speed on which pump data are based:	2730 rpm	20 -	80
Rated flow:	17 m³/h	15 -	60
Rated head:	20.2 m		
Head max:	28 m		
Stages:	2	10 -	- 40
Impellers:	2		
Number of reduced-diameter impellers:	0		
Low NPSH:	N	5 -	- 20
Pump orientation:	Vertical		
Shaft seal arrangement:	Single		
Code for shaft seal:	HQQE	0 <del>-</del>	0 5 10 15 20 Q [m³/h]
Approvals on nameplate:	CE, EAC,ACS	P2 [kW]	NPSH
Curve tolerance:	ISO9906:2012 3B		[m]
Pump version:	A	2.0 -	- 8
Model:	A		
Materials:	A	1.5 -	- 6
Base:	Stainless steel		
Dase.		1.0 -	
	EN 1.4408		
Los en al la m	AISI 316	0.5 -	-2
Impeller:	Stainless steel		
	EN 1.4401	0.0 -	
	AISI 316		139
Material code:	A		
Code for rubber:	E		
Bearing:	SIC		
Installation:	10.00	321	
Maximum ambient temperature:	40 °C		
Maximum operating pressure:	25 bar	135	
Max pressure at stated temp:	25 bar / 120 °C		<u>G 1/2</u> <u>G 1/2</u>
	25 bar / -20 °C		
Type of connection:	PJE	413	
Size of inlet connection:	DN 50	9	<u>3 1/2</u>
	2 inch		
Size of outlet connection:	DN 50	6	
	2 inch		200 248
Pressure rating for pipe connection:	PN 50		261
Flange size for motor:	FT115		l
Connect code:	Р	<u>a</u> D	Direction of Rotation
Liquid:			BLACK BLACK
Pumped liquid:	Water		
Liquid temperature range:	-20 120 °C	TAGE	
Liquid temperature during operation:	20 °C	HIGH VOLTAGE	
Density:	998.2 kg/m³	HIGH HIGH	
Electrical data:			
Motor standard:	IEC		
Motor type:	90LC		
Rated power - P2:	2.2 kW		BLACK BLACK
Power (P2) required by pump:	2.2 kW	TAGE	
Mains frequency:	50 Hz	LOW VOLTAGE	
Rated voltage:	1 x 220-230/240 V	TON TON	
Rated current:	14,0-13,6/12,6 A	— I I "I	

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Company name: Created by: Phone:

		Date:	07/03/2019	
Description	Value			
Starting current:	330 %			
Cos phi - power factor:	1.00			
Rated speed:	2730/2720 rpm			
Motor efficiency at full load:	75 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	PTO			
Motor No:	85215708			
Controls:				
Frequency converter:	NONE			
Others:				
Minimum efficiency index, MEI ≥:	0.70			
Net weight:	48 kg			
Gross weight:	52 kg			
Shipping volume:	0.094 m³			
Country of origin:	GB			
Custom tariff no.:	84137075			