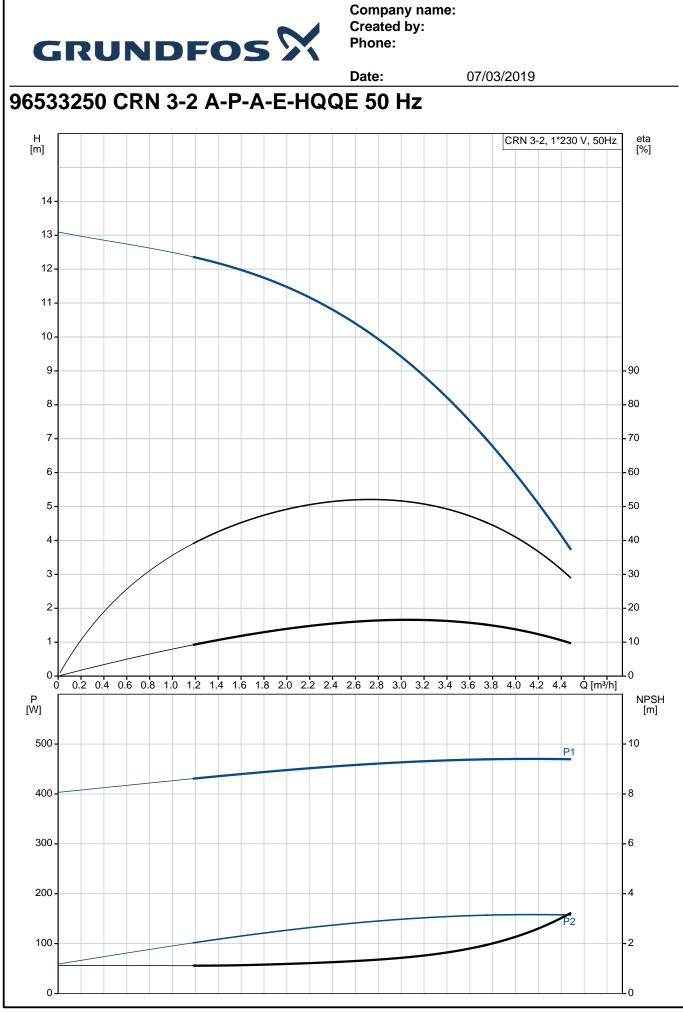
	GRUNDFO	5 5 X	Company na Created by: Phone:	me:	
			Date:	07/03/2019	
lty.	Description				
1	CRN 3-2 A-P-A-E-HQQE				
	Product No.: 96533250				
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless 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 I (Victaulic®) couplings.				
	The pump is fitted with a 1-phase	e, fan-cooled asynch	ronous motor.		
	Controls:				
	Frequency converter:	NONE			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	-20 120 °C			
	Liquid temperature during opera	ion: 20 °C			
	Density:	998.2 kg/m³			
	Technical:				
Pump speed on which pump data are based: 2757 rpm					
	Rated flow:	3 m³/h			
	Rated head:	9.2 m			
	Pump orientation:	Vertical			
	Shaft seal arrangement:	Single			
	Code for shaft seal:	HQQE			
	Approvals on nameplate:	CE, EAC,ACS			
	Curve tolerance:	ISO9906:2012 3B			
	Curve tolerance.	1003300.2012 30			
	Materials:				
	Base:	Stainless steel			
		EN 1.4408			
	Impeller	AISI 316			
	Impeller:	Stainless steel			
		EN 1.4401			
	Bearing:	AISI 316 SIC			
	Installation:				
	Maximum ambient temperature:	40 °C			
	Maximum operating pressure:	25 bar			
	Maximum operating pressure. Max pressure at stated temp:	25 bar / 120 °C			
		25 bar / -20 °C			
	Type of connection:	PJE			
	Type of connection:				
	Size of inlet connection:	DN 32			
		1 1/4 inch			
	Size of outlet connection:	DN 32			
		1 1/4 inch			
	Pressure rating for pipe connect				
	Flange size for motor:	FT85			



Company name: Created by: Phone:

	GRUNDFOS 次		Phone:		
			Date:	07/03/2019	
ty.	Description				
	Electrical data:	150			
	Motor standard:	IEC			
	Motor type:	71B			
	Rated power - P2:	0.37 kW			
	Power (P2) required by pump:				
	Mains frequency:	50 Hz			
	Rated voltage:	1 x 220-230/240 V			
	Rated current:	2.95/2.70 A			
	Starting current:	280 %			
	Cos phi - power factor:	0.99			
	Rated speed:	2770 rpm			
	Motor efficiency at full load:	60.0-56.0 %			
	Number of poles:	2			
	Enclosure class (IEC 34-5):	55 Dust/Jetting			
	Insulation class (IEC 85):	F			
	Others:				
	Minimum efficiency index, MEI				
	Net weight:	17.1 kg			
	Gross weight:	19.7 kg			
	Shipping volume:	0.054 m³			
	Country of origin:	GB			
	Custom tariff no.:	84137075			





Company name: Created by: Phone:

		Date: 07/03/2019	
Description	Value	H [m]	eta [%]
General information:		14 -	1
Product name:	CRN 3-2 A-P-A-E-HQQE	14 - 13 -	
Product No:	96533250	12-	
EAN number:	5700397438268	11	
Price:	761,00 GBP		1
Technical:	101,00 001	10	-
Pump speed on which pump data are		9-	- 90
based:	2757 rpm	8-	- 80
Rated flow:	3 m³/h	7	70
Rated head:	9.2 m	6-	- 60
Head max:	13.2 m	5	- 50
Stages:	3		
Impellers:	2	4-	- 40
Number of reduced-diameter impellers:	0	3	- 30
Low NPSH:	Ν	2-	- 20
Pump orientation:	Vertical	1-/	- 10
Shaft seal arrangement:	Single	0	\int_{0}
Code for shaft seal:	HQQE	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 Q [m³/h]	-
Approvals on nameplate:	CE, EAC,ACS	P [W]	NPSH [m]
Curve tolerance:	ISO9906:2012 3B	500 - P1	- 10
Pump version:	Α		
Model:	Α	400-	-8
Materials:		300 -	-6
Base:	Stainless steel		1
	EN 1.4408	200 -	- 4
	AISI 316	100	2
Impeller:	Stainless steel	100-	-2
	EN 1.4401		\Box_0
	AISI 316	1 20	
Material code:	A		
Code for rubber:	E		
Bearing:	SIC		
Installation:		2 <u>5</u>	
Maximum ambient temperature:	40 °C		
Maximum operating pressure:	25 bar		
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		
Size of inlet connection:	DN 32	<u>G 1/2</u>	
	1 1/4 inch		
Size of outlet connection:	DN 32		
	1 1/4 inch	150 150 210	
Pressure rating for pipe connection:	PN 50	210	
Flange size for motor:	FT85		
Connect code:	Р	LOW VOLTAGE DIRECTION OF ROTATION	
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-20 120 °C		
Liquid temperature during operation:	20 °C		
Density:	998.2 kg/m³		
Electrical data:	_		
Motor standard:	IEC	HIGH VOLTAGE DIRECTION OF ROTATION	
Motor type:	71B		
Rated power - P2:	0.37 kW		
Power (P2) required by pump:	0.37 kW	D D D D D D D D D D D D D D D D D D D	
Mains frequency:	50 Hz		
Rated voltage:	1 x 220-230/240 V		
Rated current:	2.95/2.70 A		

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Company name: Created by: Phone:

		Date:	07/03/2019
Description	Value		
Starting current:	280 %		
Cos phi - power factor:	0.99		
Rated speed:	2770 rpm		
Motor efficiency at full load:	60.0-56.0 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTO		
Motor No:	85215102		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	17.1 kg		
Gross weight:	19.7 kg		
Shipping volume:	0.054 m³		
Sales region:	GB		
Country of origin:	GB		
Custom tariff no.:	84137075		