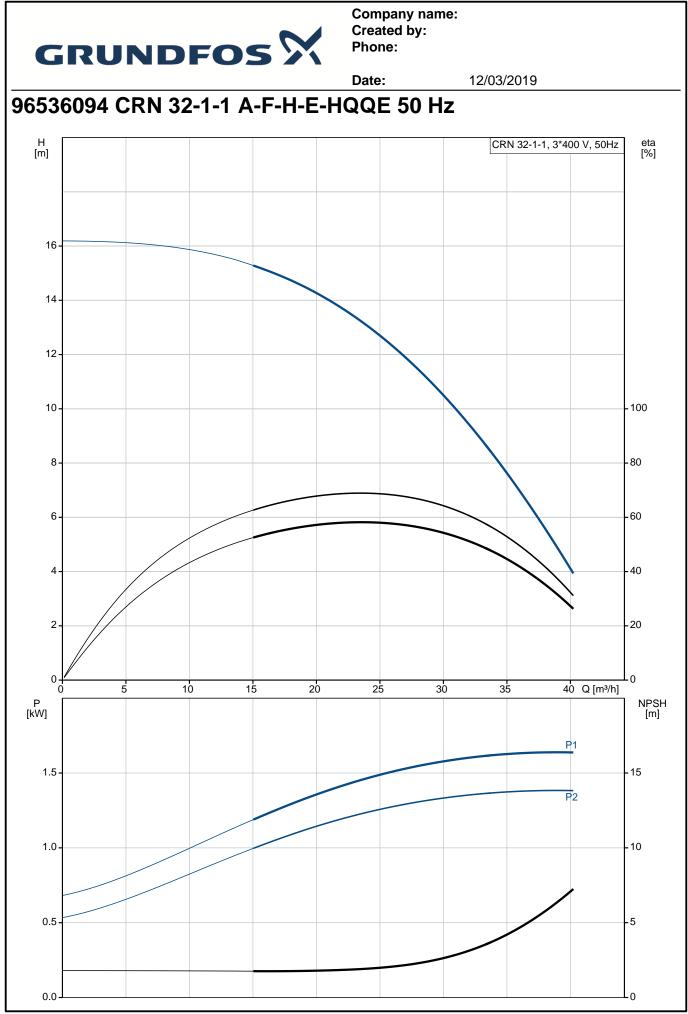
	GRUNDFO	os X	Company name Created by: Phone:			
			Date:	12/03/2019		
Qty.	Description					
1	CRN 32-1-1 A-F-H-E-HQQE					
	Product No.: 96536094					
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump mater contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, s handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.						
	Liquid:					
	Pumped liquid:	Water				
	Liquid temperature range:	-40 120 °C				
	Liquid temperature during operat	ion: 20 °C				
	Density:	998.2 kg/m³				
	Technical:					
	Pump speed on which pump data	ara hasad 2806	rom			
	Rated flow:	30 m ³ /h	ipin			
	Rated head:	10.7 m				
	Pump orientation:	Vertical				
	Shaft seal arrangement:	Single				
	Code for shaft seal:	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				
	Support bearing:	Graflon				
	Installation:					
	Maximum ambient temperature:	60 °C				
	Maximum operating pressure:	16 bar				
	Max pressure at stated temp:	16 bar / 120 °C				
		16 bar / -40 °C				
	Type of connection:	DIN				
	Size of inlet connection:	DN 65				
	Size of outlet connections					
	Size of outlet connection:	DN 65				
	Size of outlet connection: Pressure rating for pipe connecti Flange size for motor:					



Company name: Created by: Phone:

			Date:	12/03/2019	
Descri					
	cal data:				
	tandard:	IEC			
Motor ty		90SB			
	ency class:	IE3			
Rated p	oower - P2:	1.5 kW			
	(P2) required by pump:				
	requency:	50 Hz			
Rated v		3 x 220-240D/380	-415Y V		
Rated of		5.45/3.15 A	-		
	current:	850-930 %			
	- power factor:	0.87-0.82			
Rated s	speed.	2890-2910 rpm			
Efficien		IE3 84,2%			
	fficiency at full load:	84.2 %			
	fficiency at 3/4 load:	84.5 %			
	fficiency at 1/2 load:				
		83.1 %			
Freles	r of poles: ıre class (IEC 34-5):	2 EE Duct/latting			
		55 Dust/Jetting F			
Insulation	on class (IEC 85):	Г			
Others					
	m efficiency index, MEI				
Net wei		65.7 kg			
Gross v		88.6 kg			
	g volume:	0.309 m³			
Country	v of origin:	GB			
Custom	tariff no.:	84137075			
Cucton		01101010			





Company name: Created by: Phone:

		Date:	12/03/	2019	
Description	Value	H [m]		CRN 32-1-1, 3*400 V, 50Hz	eta [%]
General information:					[[]
Product name:	CRN 32-1-1 A-F-H-E-HQQE	16 -			
Product No:	96536094				1
EAN number:	5700397562369	14 -			
Price:	2.713,00 GBP				
Technical:	2.1 10,00 001	12 -			
Pump speed on which pump data are		-			
based:	2896 rpm	10 -			- 100
Rated flow:	30 m³/h	8 -			- 80
Rated head:	10.7 m				- 50
Head max:	16 m	6-			- 60
Stages:	1	Ŭ,			00
Impellers:	1	4 -			- 40
Number of reduced-diameter impellers:	1				
Low NPSH:	Ν	2-			- 20
Pump orientation:	Vertical	- //			
Shaft seal arrangement:	Single	o 🖊 🛶			Lo
Code for shaft seal:	HQQE	0 5	10 15 20	25 30 35 Q [m³/h]	
Approvals on nameplate:	CE, EAC,ACS	P [kW]			NPS [m]
Curve tolerance:	ISO9906:2012 3B			P1	
Pump version:	A	1.5 -			- 15
Model:	В	-		P2	
Materials:	-	10			10
Base:	Stainless steel	1.0 -			- 10
	EN 1.4408	-			
	AISI 316	0.5			-5
Impollor					
Impeller:	Stainless steel	-			
	EN 1.4401	0.0 			L ₀
	AISI 316	110			
Material code:	Н	178	1		
Code for rubber:	E	╴┎┼┾╾┿			
Bearing:	SIC				
Support bearing:	Graflon	381			
Installation:					
Maximum ambient temperature:	60 °C				
Maximum operating pressure:	16 bar	135			
Max pressure at stated temp:	16 bar / 120 °C				
·	16 bar / -40 °C	<u>G 1/2</u>	<u>G 1/2</u>		
Type of connection:	DIN		8 x 18		
Size of inlet connection:	DN 65	4 X G 1/2			
Size of outlet connection:	DN 65	╴╶│╻┼──┤╄╢╲╋		185	
Pressure rating for pipe connection:	PN 40		₹¶ [™] ††***		
Flange size for motor:	FT115	226	240	4 × 14	
Connect code:	F		- +		
Liquid:	•		LOW VOLTAGE		
Pumped liquid:	Wator	DIRE	CTION OF ROTATION		
	Water				
Liquid temperature range:	-40 120 °C	╴│ ┢ ┢ ┢			
Liquid temperature during operation:	20 °C	▕▕▋▋▋	KXX		
Density:	998.2 kg/m ³	₋│ ┦┦┦			
Electrical data:				\wedge	
Motor standard:	IEC				
Motor type:	90SB		ON OF ROTATION		
IE Efficiency class:	IE3				
Rated power - P2:	1.5 kW				
Power (P2) required by pump:	1.5 kW		(ws+us+vs)		
Mains frequency:	50 Hz				
	3 x 220-240D/380-415Y				
Rated voltage:	V	IY			

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Company name: Created by: Phone:

Date: 12/03/2019 Value Description Rated current: 5.45/3.15 A Starting current: 850-930 % Cos phi - power factor: 0.87-0.82 Rated speed: 2890-2910 rpm Efficiency: IE3 84,2% Motor efficiency at full load: 84.2 % Motor efficiency at 3/4 load: 84.5 % Motor efficiency at 1/2 load: 83.1 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor protec: NONE 85U05906 Motor No: Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 65.7 kg Gross weight: 88.6 kg Shipping volume: 0.309 m³ Sales region: Great Britain Country of origin: GB Custom tariff no .: 84137075

