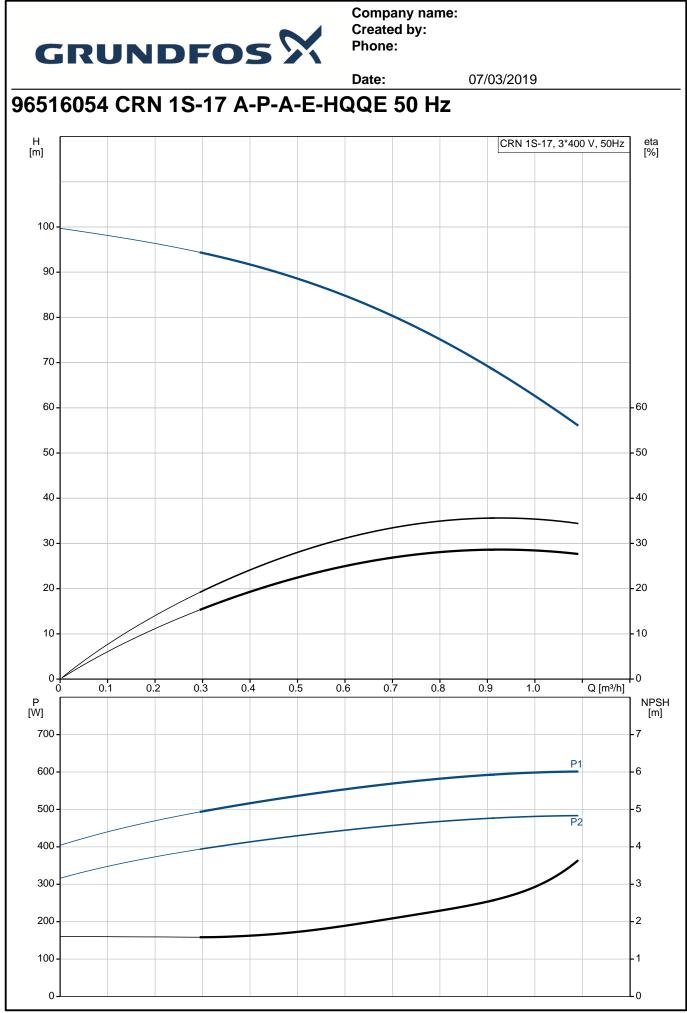
	GRUNDFO	ns X	Company n Created by: Phone:		
			Date:	07/03/2019	
•	Description				
	CRN 1S-17 A-P-A-E-HQQE				
	Product No.: 96516054				
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump mate contact with the liquid are in high-grade stainless steel. Power transmission is via a rigid split couplin connection is via PJE (Victaulic®) couplings.					
The pump is fitted with a 3-phase, fan-cooled asynchronous motor.					
	Controls: Frequency converter:	NONE			
	Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -20 120 °C ion: 20 °C 998.2 kg/m ³			
	Technical: Pump speed on which pump dat Rated flow: Rated head: Pump orientation: Shaft seal arrangement:	a are based: 2856 0.9 m³/h 66.5 m Vertical Single	ð rpm		
	Code for shaft seal: Approvals on nameplate: Curve tolerance:	HQQE 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:	40 °C 25 bar 25 bar / 120 °C			
	Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C 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 connecti Flange size for motor:				



Company name: Created by: Phone:

	Date:	07/03/2019				
Description						
Electrical data:						
Motor standard:	IEC					
Motor type:	71B					
IE Efficiency class:	IE3					
Rated power - P2:	0.55 kW					
Power (P2) required by pump:						
Mains frequency:	50 Hz					
Rated voltage:	3 x 220-240D/380-415Y V					
Rated current:	2.50/1.44 A					
Starting current:	580-620 %					
Cos phi - power factor:	0.80-0.70					
Rated speed:	2830-2850 rpm					
Efficiency:	IE3 77,8%					
Motor efficiency at full load:	77.8 %					
Motor efficiency at 3/4 load:	81.5 %					
Motor efficiency at 1/2 load:	79.5 %					
Number of poles:	2					
Enclosure class (IEC 34-5):	55 Dust/Jetting					
Insulation class (IEC 85):	F					
Others:						
Minimum efficiency index, MEI ≥: 0.54						
Net weight:	21.6 kg					
Gross weight:	24.5 kg					
Shipping volume:	0.074 m ³					
Danish VVS No.:	385910517					
Country of origin:	GB					
Custom tariff no.:	84137075					





Company name: Created by: Phone:

		Date:	07/03/2	2019	
Description	Value	H [m]		CRN 1S-17, 3*400 V, 50Hz	
General information:					
Product name:	CRN 1S-17 A-P-A-E-HQQE	100 -			
Product No:	96516054	90 -			
EAN number:	5700396736006				
Price:	1.090,00 GBP	80 -			
Technical:	1.000,00 001	70 -			
Pump speed on which pump data are		70-			1
based:	2856 rpm	60 -			- 60
Rated flow:	0.9 m³/h	50 -			- 50
Rated head:	66.5 m				
Head max:	99.1 m	40 -			- 40
Stages:	17	30 -			30
Impellers:	17	30 -			Γ
Number of reduced-diameter impellers:	0	20 -			20
Low NPSH:	Ν				1
Pump orientation:	Vertical	10 -			- 10
Shaft seal arrangement:	Single	0			
Code for shaft seal:	HQQE	0 0.1	0.2 0.3 0.4 0.5 0	0.6 0.7 0.8 0.9 Q [m³/h]	
Approvals on nameplate:	CE, EAC,ACS	P [W]			N
Curve tolerance:	ISO9906:2012 3B				t
Pump version:	A	600 -		P1	-6
Model:	A	500 -			-5
Materials:	**			P2	
Base:	Stainless steel	400 -			-4
	EN 1.4408	300 -			-3
		200 -			-2
	AISI 316	100 -			-1
Impeller:	Stainless steel				
	EN 1.4401				L ₀
	AISI 316		109		
Material code:	A		141		
Code for rubber:	E				
Bearing:	SIC		E-IIII IIII - I		
Installation:		191			
Maximum ambient temperature:	40 °C		JUUL		
Maximum operating pressure:	25 bar	105			
Max pressure at stated temp:	25 bar / 120 °C	<u>G 1/2</u>	G 1/2		
	25 bar / -20 °C				
Type of connection:	PJE	200			
Size of inlet connection:	DN 32	<u>G 1/2</u>			
	1 1/4 inch				
Size of outlet connection:	DN 32	26 H			
	1 1/4 inch		100	180	
Pressure rating for pipe connection:	PN 50		150 210	210	
Flange size for motor:	FT85		**		
Connect code:	P		HIGH VOLTAGE	7	
Liquid:	•	🔊	DIRECTION OF ROTATION		
Pumped liquid:	Water	— I — I	r 1		
		— C [
Liquid temperature range:	-20 120 °C	🍆 🕴	KETH-1		
Liquid temperature during operation:	20 °C	[
Density:	998.2 kg/m³	≻			
Electrical data:				1	
Motor standard:	IEC	60 -	LOW VOLTAGE DIRECTION OF ROTATION		
Motor type:	71B				
IE Efficiency class:	IE3	E			
Rated power - P2:	0.55 kW	ר שע	¹ DC		
Power (P2) required by pump:	0.55 kW				
Mains frequency:	50 Hz	— I `	` ` @		
	-			22 22 23	

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Company name: Created by: Phone:

		Date:	07/03/2019	
Description	Value			
Rated voltage:	3 x 220-240D/380-415Y V	-		
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Motor efficiency at full load:	77.8 %			
Motor efficiency at 3/4 load:	81.5 %			
Motor efficiency at 1/2 load:	79.5 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	NONE			
Motor No:	85805103			
Controls:				
Frequency converter:	NONE			
Others:				
Minimum efficiency index, MEI ≥:	0.54			
Net weight:	21.6 kg			
Gross weight:	24.5 kg			
Shipping volume:	0.074 m³			
Danish VVS No.:	385910517			
Country of origin:	GB			
Custom tariff no.:	84137075			

