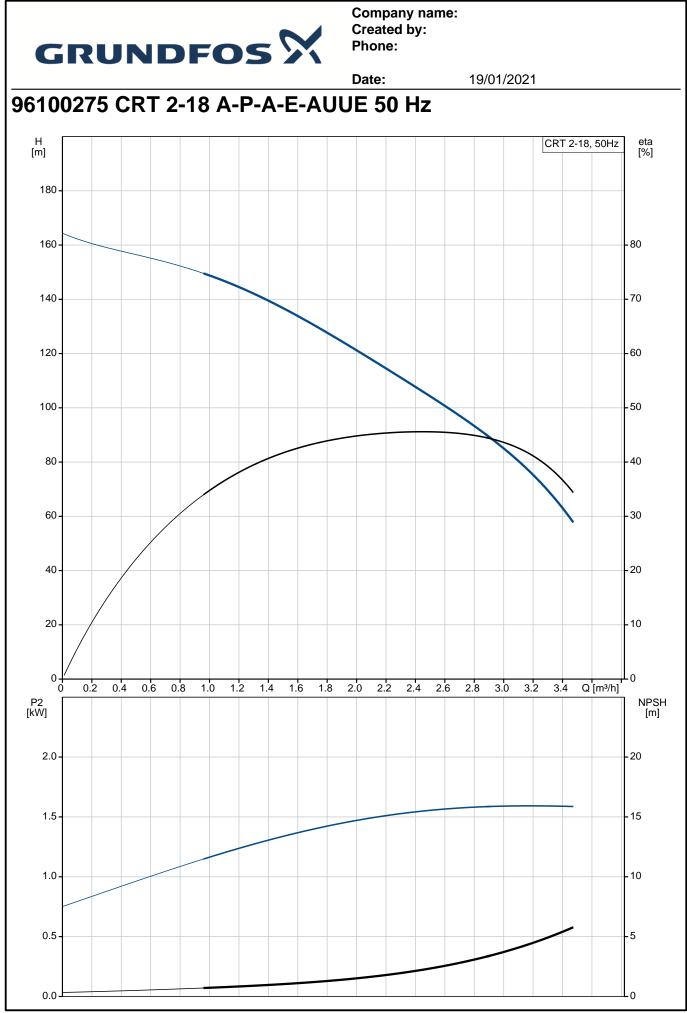
	GRUNDFO	5 %	Company name Created by: Phone:	e:			
			Date:	19/01/2021			
Qty.	Description						
1	CRT 2-18 A-P-A-E-AUUE						
	Product No.: 96100275 Vertical, non-self-priming, multis centrifugal pump for installation i and mounting on a foundation.						
	The pump has the following char - Impellers, intermediate ch						
	Impeller:	sleeve are made of T					
	Pump housing: - The shaft seal has assem according to EN 12756.	of Titanium.					
	 Power transmission is via coupling. 	cast iron split					
	Flange standard: flanges/couplings.	- Pipework connection	on is via PJE				
	Phase:	The motor is a 1-pha	se AC motor.				
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-20 120 °C					
	Selected liquid temperature: Density:	20 °C 998.2 kg/m³					
		000.2 kg/m					
	Technical:						
	Pump speed on which pump dat Rated flow:	a are based: 2900 rp 2.5 m³/h	om				
	Rated head:	114.5 m					
	Primary shaft seal:	AUUE					
	Approvals on nameplate:	CE,TR					
	Curve tolerance:	ISO9906:2012 3B					
	Materials:						
	Pump housing:	Titanium					
		ASTM B 265					
	Impeller:	Titanium ASTM B 265					
	Bush material:	NONE					
	Installation:						
	Maximum ambient temperature:	40 °C					
	Max pressure at stated temp:	25 bar / 120 °C					
		25 bar / -20 °C					
	Flange standard:	PJE					
	Pipe connection: Flange size for motor:	42,4 mm FT115					
	Electrical data:						



Company name: Created by: Phone:

	GRUNDFO		Date:	19/01/2021	
	Description				
	Motor type:	90LC			
	Rated power - P2:	2.2 kW			
	Power (P2) required by pump:	2.2 kW			
		2.2 kW			
	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:	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 No:	85215708			
	Others:				
	Minimum efficiency index, MEI á				
	Net weight:	36.9 kg			
	Gross weight:	41.9 kg			
L					
ł					



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Company name: Created by: Phone:

		Date:	19/01/	2021	
Description	Value	H [m]		CRT 2-18,	50Hz eta [%]
General information:	14140	180			[,0]
Product name:	CRT 2-18 A-P-A-E-AUUE	160 -			- 80
Product No:	96100275	160 -			- 80
EAN number:	5700395841534	140 -			- 70
Price:	5700395641554	140 -			70
Technical:		120 -			- 60
Pump speed on which pump data are					
based:	2900 rpm	100 -			- 50
Rated flow:	2.5 m³/h	80 -			- 40
Rated head:	114.5 m				
Maximum head:	169 m	60 -			30
Head max:	169 m	50			
Stages:	18	40 -			- 20
Impellers:	18	/ ,	/		
Primary shaft seal:	AUUE	20			- 10
Approvals on nameplate:	CE,TR				
Curve tolerance:	ISO9906:2012 3B	0 /			
Pump version:	A	0 P2	0.5 1.0 1.5	2.0 2.5 3.0 Q[m³/h] NPSH
Model:	А	P2 [kW]			[m]
Materials:		2.0 -			- 20
Pump housing:	Titanium				
Pump housing:	ASTM B 265	1.5 -			- 15
Impeller:	Titanium				
Impeller:	ASTM B 265	1.0 -			- 10
Material code:	A	_			
Code for rubber:	E	0.5 -			-5
Bush material:	NONE				
Installation:		0.0			0
Maximum ambient temperature:	40 °C	139			
Max pressure at stated temp:	25 bar / 120 °C		178		
Max pressure at stated temp:	25 bar / -20 °C		-		
Flange standard:	PJE				
Pipe connection:	42,4 mm	O I 33			
Flange size for motor:	FT115	▁ ⊥_੫ੑੑੑ	HITT		
Connect code:	Р	G 1/2	G 1/2		
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	-20 120 °C	Š <u>G 1/2</u>		i II	
Selected liquid temperature:	20 °C			4 x 013	
Density:	998.2 kg/m ³				
Electrical data:	001.0			180	
Motor type:	90LC			211	
Rated power - P2:	2.2 kW	l	210		
Power (P2) required by pump:	2.2 kW			^]
Power (P2) required by pump:	2.2 kW	10 (CG	RECTION OF ROTATION	DIRECTION OF ROTATIO	N
Mains frequency:	50 Hz	BLACK	ζ	BLACK	
Rated voltage:	1 x 220-230/240 V		YELLOW	YELLOW	-4
Rated current:	14,0-13,6/12,6 A		@@@_ N		∑_ n
Starting current:	330 %	<u> </u>) L
Cos phi - power factor:	1.00	BLUE HG			Ð
Rated speed:	2730/2720 rpm			-9	
Motor efficiency at full load:	75 %				
Number of poles:	2				
Enclosure class (IEC 34-5):	55 Dust/Jetting	BLACK	YELLOW	BLACK YELLOW	
Insulation class (IEC 85):	F	TAG	WS-US VS-N		j∐ n
Motor protec:	PTO				j L
Motor No:	85215708	BLUE	BROWN		, E
Others:			(1)		9

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Company name: Created by: Phone:

		Date:	19/01/2021
Description	Value		
Minimum efficiency index, MEI ≥:	0.7		
Net weight:	36.9 kg		
Gross weight:	41.9 kg		

