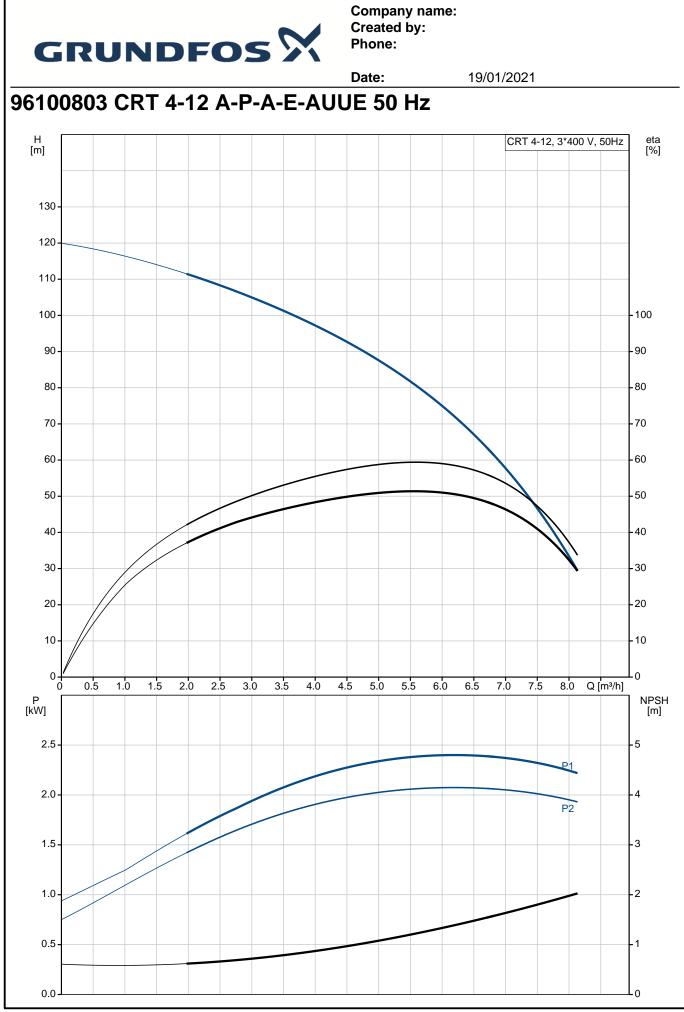
	GRUNDFO	os X	Company name: Created by: Phone:	
			Date:	19/01/2021
Qty.	Description			
1	CRT 4-12 A-P-A-E-AUUE			
	Product No.: 96100803 Vertical, non-self-priming, multist centrifugal pump for installation i and mounting on a foundation.			
	The pump has the following char - Impellers, intermediate ch			
	Impeller:	sleeve are made of T		<u> </u>
	Pump housing: - The shaft seal has assem		nd base are made of	Titanium.
	according to EN 12756. - Power transmission is via coupling.			
	Flange standard: flanges/couplings.	- Pipework connectio	n is via PJE	
	Phase:	The motor is a 3-pha	se AC motor.	
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature:	Water -20 120 °C 20 °C		
	Density:	998.2 kg/m ³		
	Technical: Pump speed on which pump dat	a ara baaadu 2000 rr		
	Rated flow:	6 m ³ /h	אות אות	
	Rated head:	75.1 m		
	Primary shaft seal: Approvals on nameplate:	AUUE CE,TR		
	Curve tolerance:	ISO9906:2012 3B		
	Materials:			
	Pump housing:	Titanium ASTM B 265		
	Impeller:	ASTM B 265 Titanium ASTM B 265		
	Bush material:	NONE		
	Installation: Maximum ambient temperature: Max pressure at stated temp:	60 °C 25 bar / 120 °C 25 bar / -20 °C		
	Flange standard:	PJE		
	Pipe connection: Flange size for motor:	42,4 mm FT115		
	Electrical data:			
	from Grundfos Product Contro (2020 :			



Company name: Created by: Phone:

Description	Date:	
Description		
Motor type:	90LE	
IE Efficiency class:	IE3	
Rated power - P2:	2.2 kW	
Power (P2) required by pump:	2.2 kW	
	2.2 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 220-240D/380-415Y V	
Rated current:	8.00/4.60 A	
Starting current:		
	840-920 %	
Cos phi - power factor:	0.86-0.80	
Rated speed:	2890-2910 rpm	
Efficiency:	IE3 85,9%	
Motor efficiency at full load:	85.9-85.9 %	
Motor efficiency at 3/4 load:	88.2 %	
Motor efficiency at 1/2 load:	88.0 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor No:	85U01908	
	85001908	
Others:		
Minimum efficiency index, MEI	≥: 0.7	
Net weight:	36.6 kg	
Gross weight:	41.6 kg	





Company name: Created by: Phone:

		Date:	19/01	/2021	
Description	Value	H [m]		CRT 4-12, 3*40	0 V, 50Hz eta [%]
General information:					
Product name:		130 -			
	A-P-A-E-AUUE	120 -			
Product No:	96100803	110 -			
EAN number:	5700395849288	100 -			- 100
Price:					
Technical:		90 -			- 90
Pump speed on which pump data are based:	2900 rpm	80 -			- 80
Rated flow:	6 m³/h	70 -			- 70
Rated head:	75.1 m	60 -			- 60
Maximum head:	121 m	50 -			- 50
Head max:	121 m			\sim	- 50
	121111	40 -			40
Stages:		30 -			30
Impellers:	12	20 -			- 20
Primary shaft seal:	AUUE				
Approvals on nameplate: Curve tolerance:	CE,TR ISO9906:2012 3B	10-			- 10
		0 <u>/</u>	2 3 4	5 6 7	Q [m³/h]
Pump version:	A	P [kW]	2 3 4		NPS
Model:	A	[kW] 2.5 -			[m
Materials:	Titonium	2.5 -			-21 -3
Pump housing:	Titanium	2.0 -			4
Pump housing:	ASTM B 265				P2
Impeller:	Titanium	1.5 -			- 3
Impeller:	ASTM B 265	1.0			2
Material code:	A	1.0			
Code for rubber:	E	0.5 -			1
Bush material:	NONE				
Installation:	0.00	0.0 J			 0
Maximum ambient temperature:	60 °C	110			
Max pressure at stated temp:	25 bar / 120 °C	17	8		
Max pressure at stated temp:	25 bar / -20 °C		_		
Flange standard:	PJE		HEN T		
Pipe connection:	42,4 mm	33 1 2 1			
Flange size for motor:	FT115		<u> </u>		
Connect code:	Р	G 1/2	G 1/2		
Liquid:					
Pumped liquid:	Water	\$F G 1/2			
Liquid temperature range:	-20 120 °C	5 <u>G 1/2</u>	042:2		
Selected liquid temperature:	20 °C		112 I U	4 x o13	
Density:	998.2 kg/m³				
Electrical data:	001 E	100		180	
Motor type:	90LE	15		211	
IE Efficiency class:	IE3	h	_		
Rated power - P2:	2.2 kW		LOW VOLTAGE		
Power (P2) required by pump:	2.2 kW	DIF	RECTION OF ROTATION		
Power (P2) required by pump:	2.2 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 220-240D/380-415Y V				
Rated current:	8.00/4.60 A				
Starting current:	840-920 %		L1 L2 L3		
Cos phi - power factor:	0.86-0.80		HIGH VOLTAGE TION OF ROTATION		
Rated speed:	2890-2910 rpm	DIREC			
Efficiency:	IE3 85,9%				
Motor efficiency at full load:	85.9-85.9 %		(w2-(v2)-(v2)		
Motor efficiency at 3/4 load:	88.2 %				
Motor efficiency at 1/2 load:	88.0 %				
Number of poles:	2				

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Company name: Created by: Phone:

		Date:	19/01/2021	
Description	Value			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	NONE			
Motor No:	85U01908			
Others:				
Minimum efficiency index, MEI ≥:	0.7			
Net weight:	36.6 kg			
Gross weight:	41.6 kg			

