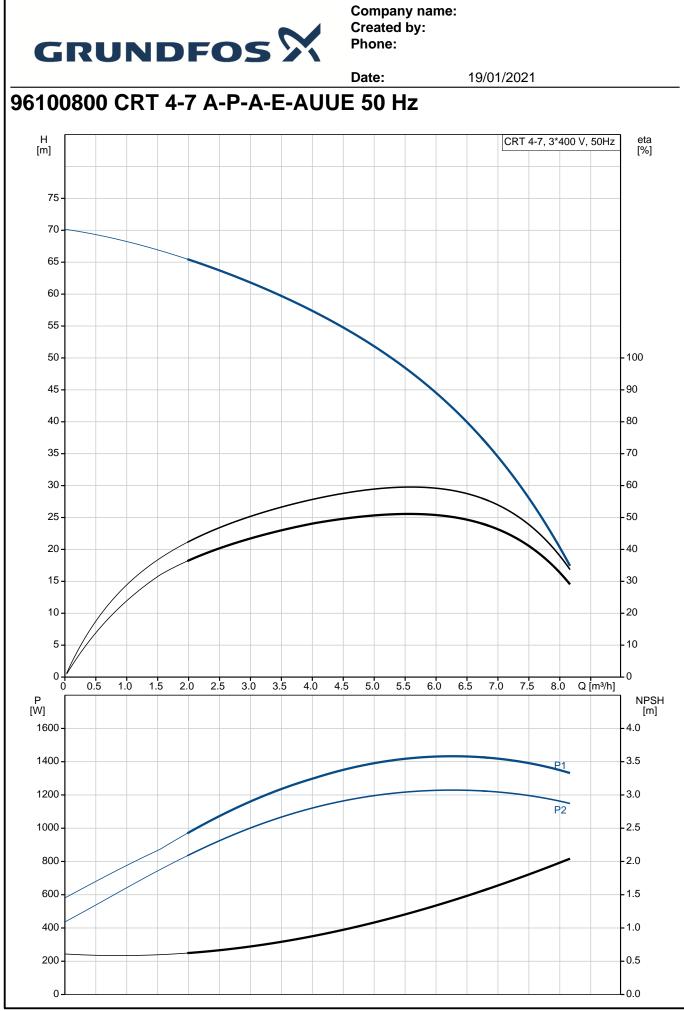
	GRUNDFO	<b>5</b> %	Company nam Created by: Phone:	ne:	
			Date:	19/01/2021	
Qty.	Description				
1	CRT 4-7 A-P-A-E-AUUE				
	Product No.: 96100800 Vertical, non-self-priming, multist centrifugal pump for installation i and mounting on a foundation.				
	The pump has the following char - Impellers, intermediate ch				
	Impeller:	sleeve are made of 7			
	Pump housing:	- Pump head cover a	and base are made	e of Titanium.	
	<ul> <li>The shaft seal has assem according to EN 12756.</li> <li>Power transmission is via</li> </ul>				
	coupling. Flange standard: flanges/couplings.	- Pipework connectio	on is via PJE		
	Phase:	The motor is a 3-pha	se AC motor.		
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	-20 120 °C			
	Selected liquid temperature:	20 °C			
	Density:	998.2 kg/m³			
	Technical:				
	Pump speed on which pump dat		om		
	Rated flow:	6 m³/h			
	Rated head:	44.4 m			
	Primary shaft seal: Approvals on nameplate:	AUUE CE,TR			
	Curve tolerance:	ISO9906:2012 3B			
	Marta Sala				
	Materials: Pump housing:	Titanium			
	i amp nodoling.	ASTM B 265			
	Impeller:	Titanium			
		ASTM B 265			
	Bush material:	NONE			
	Installation:				
	Maximum ambient temperature:	60 °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:				



		Date:	19/01/2021	
Description				
Motor type:	90SD			
IE Efficiency class:	IE3			
Rated power - P2:	1.5 kW			
Power (P2) required by pump:	1.5 kW			
	1.5 kW			
Mains frequency:	50 Hz			
	3 x 220-240D/380	4451/1/		
Rated voltage:		-4151 V		
Rated current:	5.70/3.30 A			
Starting current:	750-820 %			
Cos phi - power factor:	0.84-0.78			
Rated speed:	2890-2910 rpm			
Efficiency:	IE3 84,2%			
	84.2-84.2 %			
Motor efficiency at full load:				
Motor efficiency at 3/4 load:	86.4 %			
Motor efficiency at 1/2 load:	86.0 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor No:	85U01906			
Others:				
Minimum efficiency index, MEI				
Net weight:	29.6 kg			
Gross weight:	34.6 kg			



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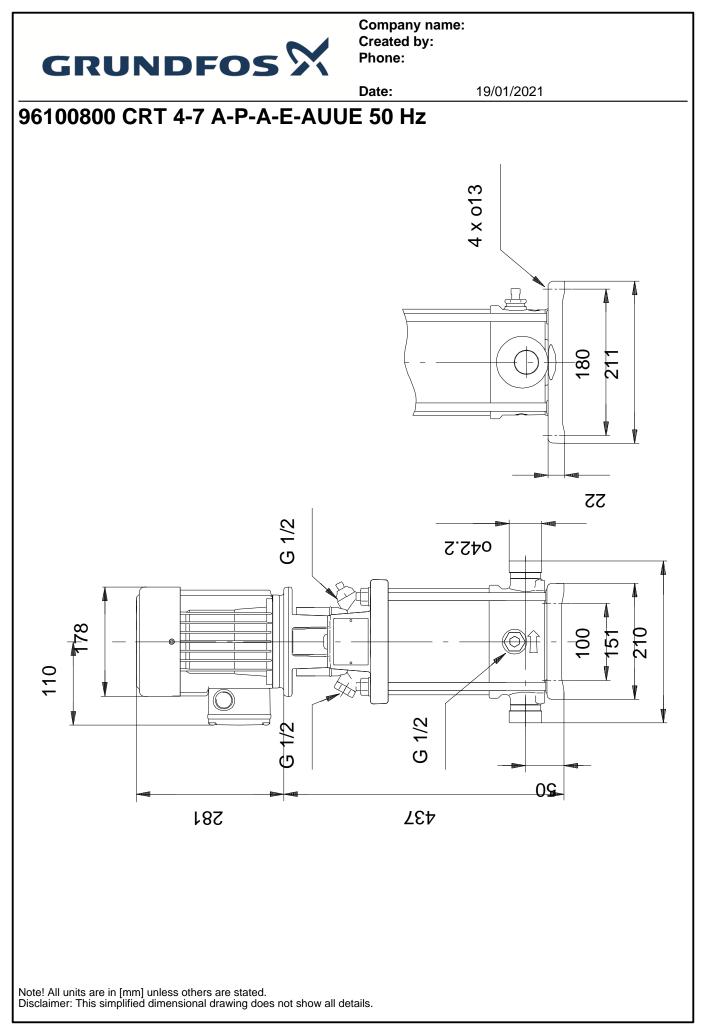


			9/01/2021	<b>1</b> .
Description	Value	H [m]	CRT 4-7, 3*400 V, 50Hz	eta [%]
General information:		75 -		
Product name:	CRT 4-7 A-P-A-E-AUUE	70-		-
Product No:	96100800	65 -		
EAN number:	5700395849257	60 -		
Price:	0.00000.020.	55 -		
Technical:		50 -		100
Pump speed on which pump data are		45		- 90
based:	2900 rpm	40 -		80
Rated flow:	6 m³/h			
Rated head:	44.4 m	35 -		- 70
Maximum head:	71.1 m	30 -		- 60
Head max:	71.1 m	25-		- 50
Stages:	8	20		- 40
Impellers:	7	15-	\ \	- 30
Primary shaft seal:	AUUE	10-		- 20
Approvals on nameplate:	CE,TR	5-		- 10
Curve tolerance:	ISO9906:2012 3B	0		
Pump version:	Α	0 1 2 3	4 5 6 7 Q [m³/h]	-
Model:	A	P [W]		NPSH [m]
Materials:				Γ · ·
Pump housing:	Titanium	1400 -	PI	- 3.5
Pump housing:	ASTM B 265	1200 -	P2	- 3.0
Impeller:	Titanium	1000-		- 2.5
Impeller:	ASTM B 265	800 -		- 2.0
Material code:	Α	600 -		- 1.5
Code for rubber:	E	400 -		- 1.0
Bush material:	NONE	200 -		- 0.5
Installation:		0		$L_{0.0}$
Maximum ambient temperature:	60 °C	1		
Max pressure at stated temp:	25 bar / 120 °C	110		
Max pressure at stated temp:	25 bar / -20 °C			
Flange standard:	PJE			
Pipe connection:	42,4 mm			
Flange size for motor:	FT115			
Connect code:	Р	G 1/2 G 1/2		
Liquid:				
Pumped liquid:	Water			
Liquid temperature range:	-20 120 °C	<sup>L</sup> E <sup>4</sup> G 1/2		
Selected liquid temperature:	20 °C	045.2	4 x o13	
Density:	998.2 kg/m <sup>3</sup>			
Electrical data:				
Motor type:	90SD	100 N	180	
IE Efficiency class:	IE3	210		
Rated power - P2:	1.5 kW			
Power (P2) required by pump:	1.5 kW	LOW VOLTAGE DIRECTION OF ROTATION		
Power (P2) required by pump:	1.5 kW		ן ר	
Mains frequency:	50 Hz		人,	
Rated voltage:	3 x 220-240D/380-415Y V			
Rated current:	5.70/3.30 A			
Starting current:	750-820 %		3	
Cos phi - power factor:	0.84-0.78	HIGH VOLTAGE		
Rated speed:	2890-2910 rpm	HIGH VOLTAGE DIRECTION OF ROTATION	- I	
Efficiency:	IE3 84,2%			
Motor efficiency at full load:	84.2-84.2 %		v2)	
Motor efficiency at 3/4 load:	86.4 %			
Motor efficiency at 1/2 load:	86.0 %			
Number of poles:	2		3 🛓	

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		Date:	19/01/2021
Description	Value		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85U01906		
Others:			
Minimum efficiency index, MEI ≥:	0.7		
Net weight:	29.6 kg		
Gross weight:	34.6 kg		





Date:

19/01/2021

## 96100800 CRT 4-7 A-P-A-E-AUUE 50 Hz

