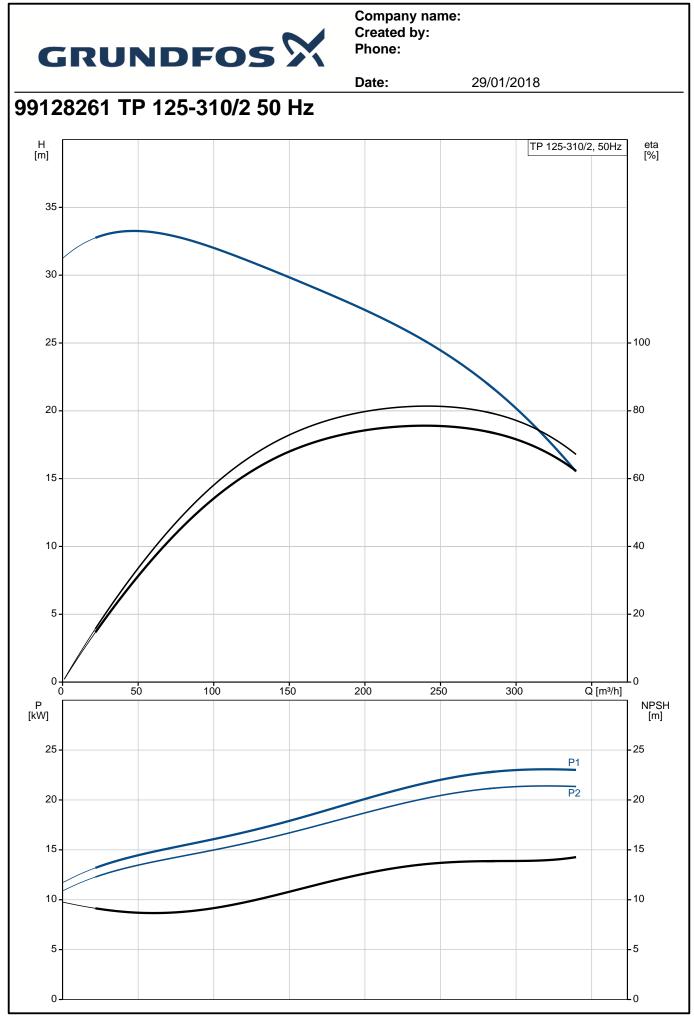
G	R	UNDFOS	Company na Created by: Phone:	ame:			
			Date:	29/01/2018			
osition	Qty.	Description					
	1	TP 125-310/2 A-F-A-BQQE					
		Product No.: 99128261					
		Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) removed for maintenance or service while the pump housing remains in the pipework.					
	The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to E Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2). The pump is fitted with a fan-cooled asynchronous motor.						
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³				
		Technical: Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	2950 rpm 243 m³/h 25 m 160 mm BQQE ISO9906:2012 3B				
		Materials: Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Cast iron EN-JL1030 ASTM A48-30 B				
		Installation: Range of ambient temperature:					
		Maximum operating pressure: Flange standard: Pipe connection: Pump inlet: Pump outlet: Pressure rating: Port-to-port length: Flange size for motor:	16 bar DIN DN 125 DN 125 DN 125 PN 16 620 mm FF300				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	SIEMENS IE3 22 kW 22 kW 50 Hz				



Company name: Created by: Phone:

			Date:	29/01/2018
osition	Qty.	Description		
	-	Rated voltage: Rated current: Starting current:	3 x 380-420D/660-725Y V 40,5-36,5/23,6-21,0 A 750-750 %	
		Cos phi - power factor: Rated speed: Efficiency:	0,89 2950 rpm IE3 92,7%	
		Motor efficiency at full load: Motor efficiency at 3/4 load:	92.7-92.7 % 93.3-93.3 %	
		Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	93.0-93.0 % 2 55 Dust/Jetting F	
		Others: Minimum efficiency index, MEI ErP status:	: 0.7 EuP Standalone/Prod.	
		Net weight: Gross weight: Shipping volume:	276 kg 320 kg 1.12 m³	





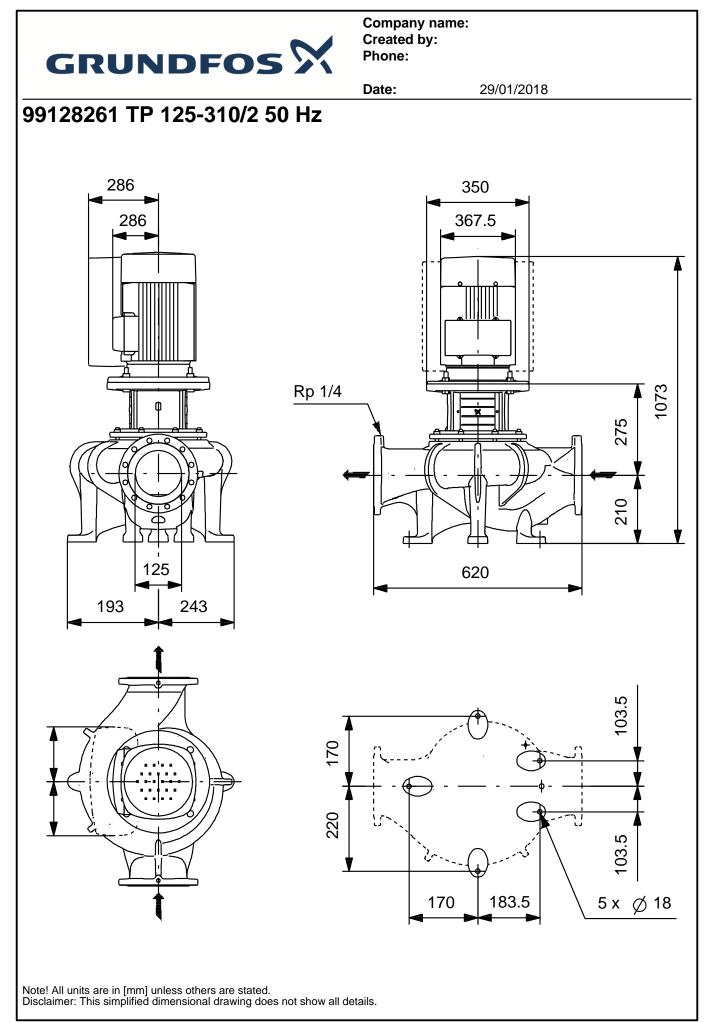
Company name: Created by: Phone:

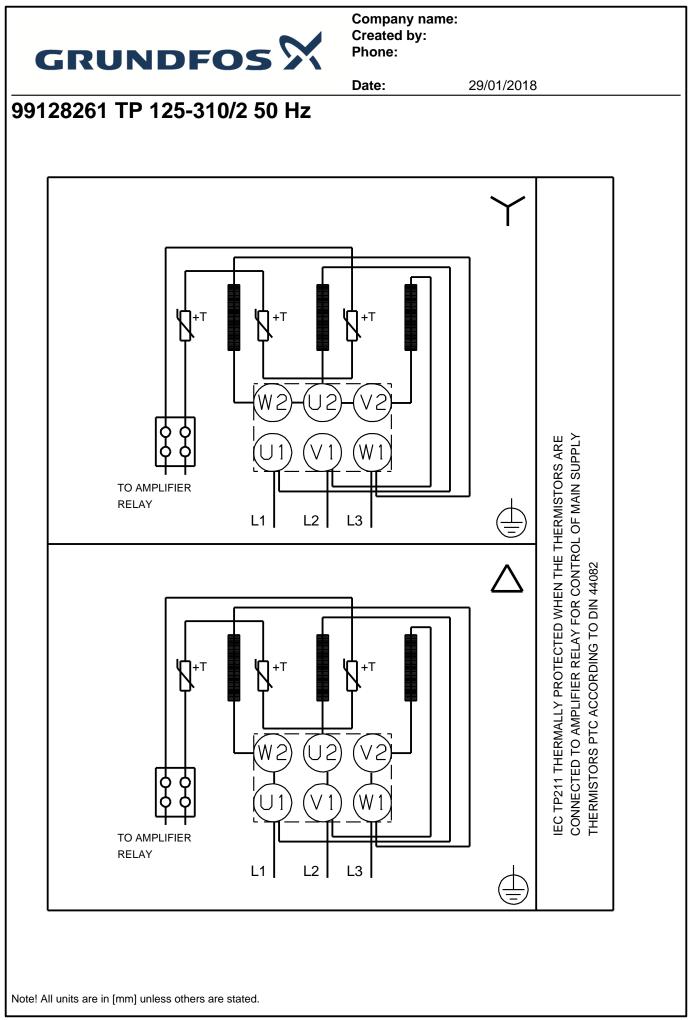
		Date:	29/01/			_
Description	Value	H [m]		TP	125-310/2, 50Hz	z
General information:		-				
Product name:	TP 125-310/2 A-F-A-BQQE	35 -				_
Product No:	99128261					
EAN number:	5712607284510	30 -				_
Technical:		-				
Speed for pump data:	2950 rpm	25 -				÷
Rated flow:	243 m ³ /h	-				
Rated head:	25 m	-				
Head max:	310 dm	20 -			$ \rightarrow $	-
Actual impeller diameter:	160 mm	-				
Primary shaft seal:	BQQE	15 -				+
Curve tolerance:	ISO9906:2012 3B	-				
Pump version:	A	-				
Model:	A	10-				ľ
Matariala		5-				
Materials: Pump housing:	Cast iron	- ĭ /				
r ump nousing.	EN-JL1040	- /				
	ASTM A48-40 B		0 100 150	200 250	300 Q [m³/h]	1 1
Impollor	Cast iron			200 200	300 Q [III/N]	'n
Impeller:		P [kW]				
	EN-JL1030	25 -			P1	+2
Motorial andar	ASTM A48-30 B	20 -			P2	
Material code:	A	20-			F 2	ľ
Installation:		15-				+'
Range of ambient temperature:	-20 55 °C	10				4
Maximum operating pressure:	16 bar					
Flange standard:	DIN	5 -				
Connect code:	F	_				
Pipe connection:	DN 125	0				(
Pump inlet:	DN 125					
Pump outlet:	DN 125					
Pressure rating:	PN 16					
Port-to-port length:	620 mm					
Flange size for motor:	FF300					
Liquid:						
Pumped liquid:	Water					
Liquid temperature range:	-25 120 °C					
Liquid temperature during operation:	20 °C					
Density:	998.2 kg/m³					
Electrical data:						
Motor type:	SIEMENS					
IE Efficiency class:	IE3					
Rated power - P2:	22 kW					
Power (P2) required by pump:	22 kW					
Mains frequency:	50 Hz					
Rated voltage:	3 x 380-420D/660-725Y V					
Rated current:	40,5-36,5/23,6-21,0 A					
Starting current:	750-750 %					
Cos phi - power factor:	0,89					
Rated speed:	2950 rpm					
Efficiency:	IE3 92,7%					
Motor efficiency at full load:	92.7-92.7 %					
Motor efficiency at 3/4 load:	93.3-93.3 %					
Motor efficiency at 1/2 load:	93.0-93.0 %					
Number of poles:	2					



Company name: Created by: Phone:

		Date:	29/01/2018
Description	Value		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTC		
Motor No:	99032177		
Others:			
Minimum efficiency index, MEI :	0.7		
ErP status:	EuP Standalone/Prod.		
Net weight:	276 kg		
Gross weight:	320 kg		
Shipping volume:	1.12 m³		





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