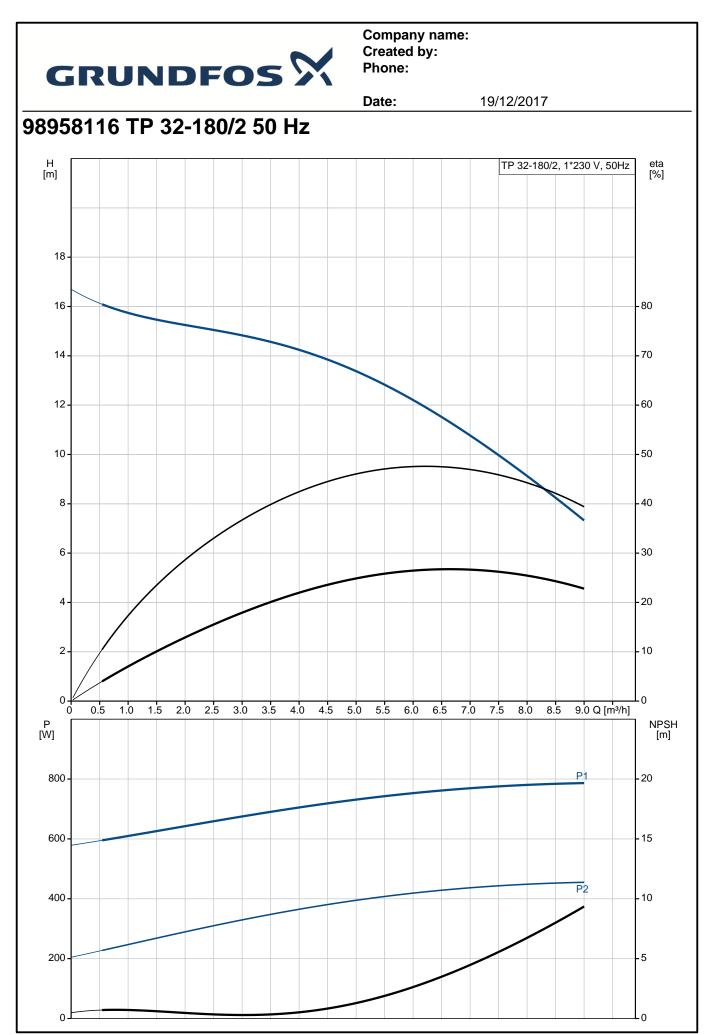
G	R	UNDFOS	Company na Created by: Phone:					
			Date:	19/12/2017				
Position	Qty.	Description						
	1	TP 32-180/2 A-F-A-BQQE						
		Product No.: 98958116						
		Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diamete The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be 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 EN 12756. Pipework connection is via PN 6/10 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					
		<b>Technical:</b> Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	2840 rpm 6.2 m³/h 11.9 m 118 mm BQQE ISO9906:2012 3B					
		<b>Materials:</b> Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Stainless steel DIN WNr. 1.4301 AISI 304					
		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:						
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	80A NA 0.55 kW 0.55 kW 50 Hz					



			Date:	19/12/2017
Position	Qty.	Description		
		Description   Rated voltage:   Rated current:   Starting current:   Cos phi - power factor:   Rated speed:   Motor efficiency at full load:   Number of poles:   Enclosure class (IEC 34-5):   Insulation class (IEC 85):   Others:   Minimum efficiency index, MEI   ErP status:   Net weight:   Gross weight:   Shipping volume:	Date: 1 x 220-230/240 V 4,00/3,65 A 280 % 0,99 2750 rpm 66-64 % 2 55 Dust/Jetting F	19/12/2017

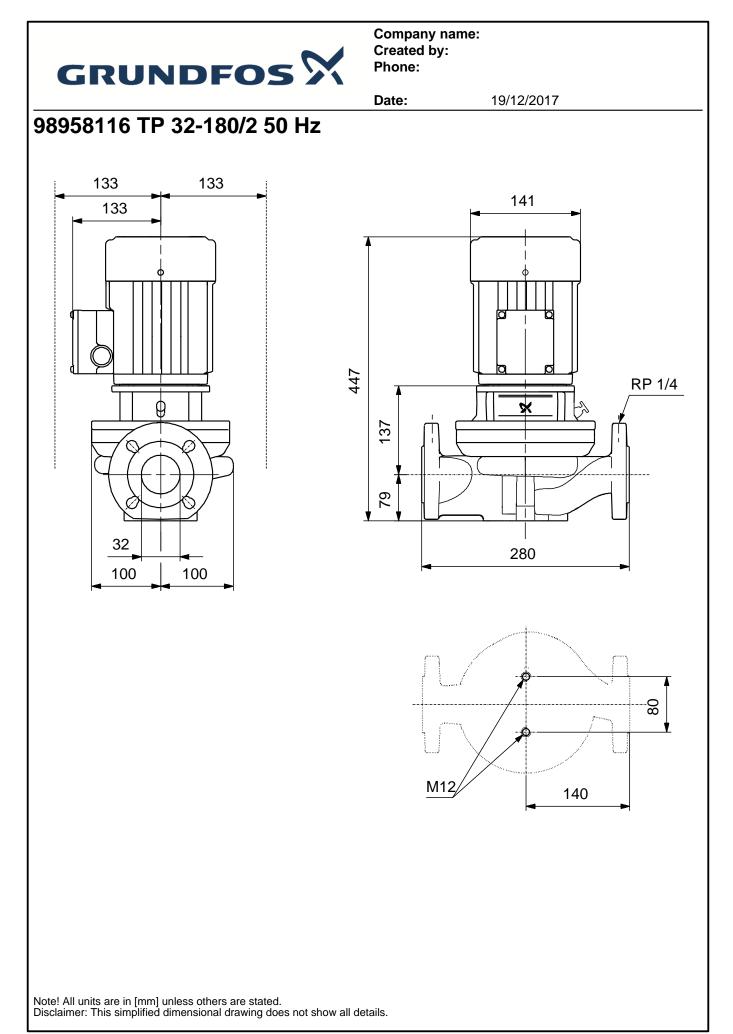




		Date:		19/12/2			
Description	Value	H [m]			TP 32-180/2, 1*230 V, 50Hz		0Hz (
General information:		-					
Product name:	TP 32-180/2 A-F-A-BQQE	_					
Product No:	98958116	18 -					
EAN number:	5712604245835	16 -					- 80
Technical:		-					70
Speed for pump data:	2840 rpm	14 -					- 70
Rated flow:	6.2 m³/h	12 -					- 60
Rated head:	11.9 m	12					- 00
Head max:	180 dm	10 -					- 50
Actual impeller diameter:	118 mm	_					
Primary shaft seal:	BQQE	8 -		$\wedge$			- 40
Curve tolerance:	ISO9906:2012 3B						
Pump version:	A	6 -					- 30
Model:	Α	4					20
Materials:		- /					
Pump housing:	Cast iron	2					- 10
	EN-JL1040	0					0
	ASTM A48-40 B	o i	2 3	4	5 6	7 8 Q [n	n³/h]
Impeller:	Stainless steel	P [W]					N
	DIN WNr. 1.4301					P	
	AISI 304	800 -					- 20
Material code:	A	600 -					- 15
Installation:							
Range of ambient temperature:	-30 40 °C	400 -				P2	2 10
Maximum operating pressure:	10 bar	-					
Flange standard:	DIN	200 -					- 5
Connect code:	F	-					
Pipe connection:	DN 32						0
Pump inlet:	DN 32	_					-
Pump outlet:	DN 32						
Pressure rating:	PN 6/10						
Port-to-port length:	280 mm						
Flange size for motor:	FT100						
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:	80A						
IE Efficiency class:	NA						
Rated power - P2:	0.55 kW						
Power (P2) required by pump:	0.55 kW						
Mains frequency:	50 Hz						
Rated voltage:	1 x 220-230/240 V						
Rated current:	4,00/3,65 A						
Starting current:	280 %						
Cos phi - power factor:	0,99						
Rated speed:	2750 rpm						
Motor efficiency at full load:	66-64 %						
Number of poles:	2						
Enclosure class (IEC 34-5):	55 Dust/Jetting						
Insulation class (IEC 85):	F						
Motor protec:	PTO						



		Date:	19/12/2017	
Description	Value			
Motor No:	85215103			
Others:				
Minimum efficiency index, MEI :	0.64			
ErP status:	EuP Standalone/Prod.			
Net weight:	25.5 kg			
Gross weight:	29 kg			
Shipping volume:	0.12 m <sup>3</sup>			





19/12/2017

## 98958116 TP 32-180/2 50 Hz

