G	RI	UNDFOS	Company nar Created by: Phone:	ne:			
			Date:	19/12/2017			
Position	Qty.	Description					
	1	TP 50-60/2 A-F-A-BQQE					
		Product No.: 98957977					
		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 unbala Pipework connection is via PN 6 The pump is fitted with a fan-coo		he shaft seal is according to EN 12756. and ISO 7005-2).			
		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:	2870 rpm 16.2 m³/h 4.4 m 74 mm BQQE ISO9906:2012 3B				
		Materials: Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B				
		Impeller:	Stainless steel DIN WNr. 1.4301 AISI 304				
		Installation:					
		Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection:	10 bar DIN DN 50				
		Pump inlet: Pump outlet: Pressure rating: Port-to-port length: Flange size for motor:	DN 50 DN 50 PN 6/10 280 mm FT85				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	71B NA 0.37 kW 0.37 kW 50 Hz				

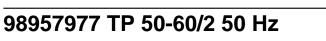


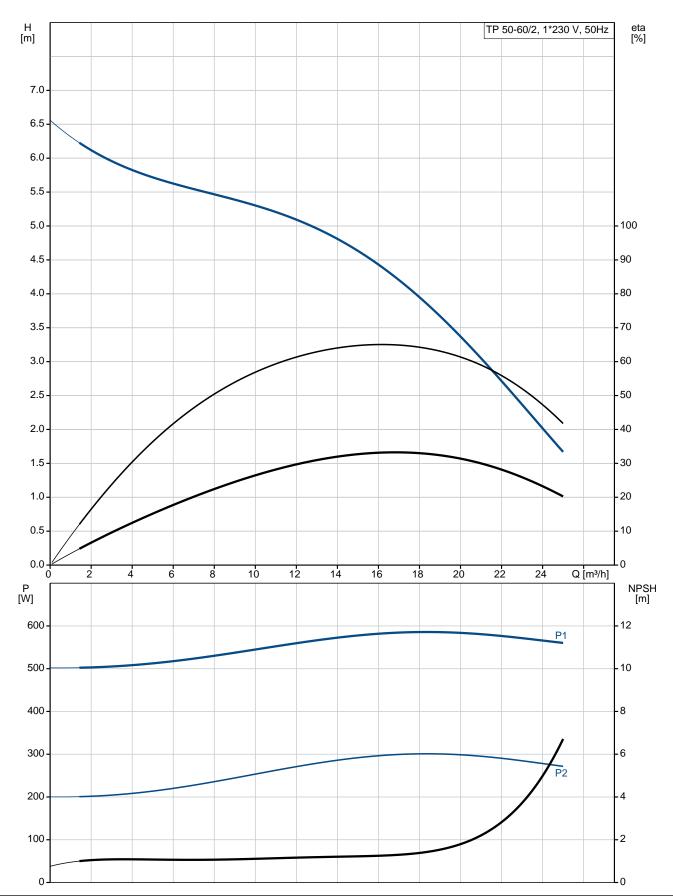
			Date:	19/12/2017
sition	Qty.	Description		
		Rated voltage:	1 x 220-230/240 V	
		Rated current:	2,95/2,70 A	
		Starting current:	280 %	
		Cos phi - power factor:	0,99 2770 mm	
		Rated speed: Motor efficiency at full load:	2770 rpm 60.0-56.0 %	
		Number of poles:	2	
		Enclosure class (IEC 34-5):	55 Dust/Jetting	
		Insulation class (IEC 85):	F	
		Others:	2.22	
		Minimum efficiency index, MEI	: 0.60	
		ErP status: Net weight:	EuP Standalone/Prod.	
		Gross weight:	25.9 kg 29.4 kg	
		Shipping volume:	0.06 m ³	
			0.00 m	



19/12/2017

Date:



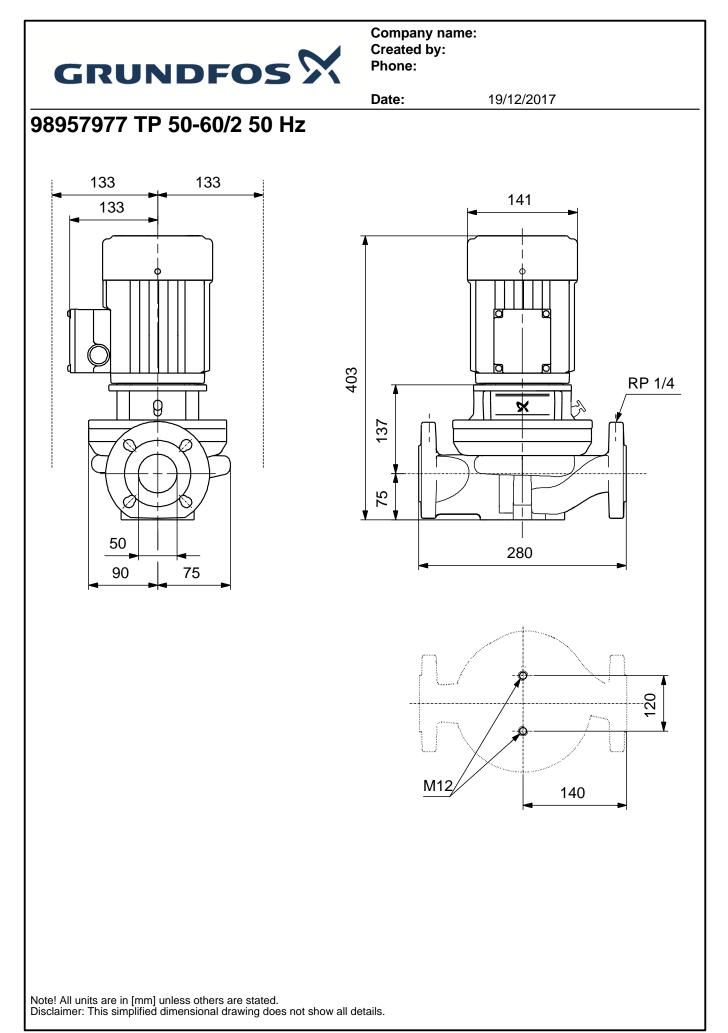




		Date:	19/12	2/2017	
Description	Value	H [m]		TP 50-60/2	2, 1*230 V, 50Hz
General information:					
Product name:	TP 50-60/2 A-F-A-BQQE	7.0 -			
Product No:	98957977	6.5 -			
EAN number:	5712604244449	-			
	5712004244449	6.0 -			
Fechnical:		5.5 -			
Speed for pump data:	2870 rpm	5.0 -			
Rated flow:	16.2 m ³ /h	4.5 -			
Rated head:	4.4 m				
		4.0 -			
Head max:	60 dm	3.5 -			
Actual impeller diameter:	74 mm	3.0 -			
Primary shaft seal:	BQQE				
Curve tolerance:	ISO9906:2012 3B	2.5 -			
Pump version:	A	2.0 -			
Model:	A	- 1.5 -			
		_ /			
Materials:		1.0			
Pump housing:	Cast iron	0.5-			
	EN-JL1040	0.0			
	ASTM A48-40 B	Ó	5 10	15 2	20 Q [m³/h
Impeller:	Stainless steel	P [W]			
	DIN WNr. 1.4301				P1
	AISI 304	_			
Material code:	A	500 -			
		400 -			
Installation:		_			
Range of ambient temperature:	-30 40 °C	300 -			
Maximum operating pressure:	10 bar	200 -			P2
Flange standard:	DIN	200			
Connect code:	F	100 -			
Pipe connection:	DN 50	0			
Pump inlet:	DN 50				
Pump outlet:	DN 50				
Pressure rating:	PN 6/10				
Port-to-port length:	280 mm				
Flange size for motor:	FT85				
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:	71B				
IE Efficiency class:	NA				
Rated power - P2:	0.37 kW				
Power (P2) required by pump:	0.37 kW				
Mains frequency:	50 Hz				
Rated voltage:	1 x 220-230/240 V				
Rated current:					
	2,95/2,70 A				
Starting current:	280 %				
Cos phi - power factor:	0,99				
Rated speed:	2770 rpm				
Motor efficiency at full load:	60.0-56.0 %				
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:	85215102			
Others:				
Minimum efficiency index, MEI :	0.60			
ErP status:	EuP Standalone/Prod.			
Net weight:	25.9 kg			
Gross weight:	29.4 kg			
Shipping volume:	0.06 m ³			





19/12/2017

98957977 TP 50-60/2 50 Hz

