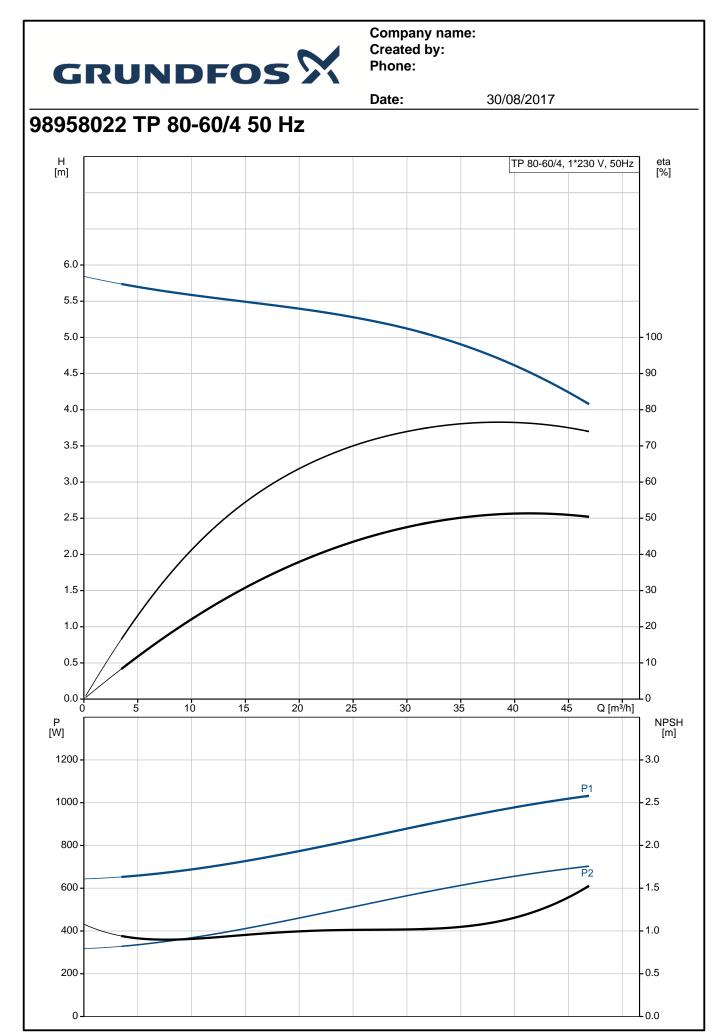
G	R	UNDFOS	Company nam Created by: Phone:	e:			
			Date:	30/08/2017			
Position	Qty.	Description					
	1	TP 80-60/4 AI-F-A-BQQE					
		Product No.: 98958022					
		Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diame. The pump is of the top-pull-out design, 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 127 Pipework connection is via PN 6 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:	1420 rpm 39.1 m³/h 4.97 m 133 mm BQQE ISO9906:2012 3B				
		Materials: 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 stage: Port-to-port length: Flange size for motor:	-30 40 °C 6 bar DIN DN 80 DN 80 DN 80 PN 6 360 mm FT115				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	90SA NA 0.75 kW 0.75 kW 50 Hz				



			Date:	30/08/2017
Position	Qty.	Description		
		Rated voltage:	1 x 220-230 V	
		Rated current:	5.45 A	
		Starting current:	320 %	
		Cos phi - power factor:	0,96	
		Rated speed:	1390-1410 rpm	
		Motor efficiency at full load:	71-70 %	
		Number of poles:	4	
		Enclosure class (IEC 34-5): Insulation class (IEC 85):	55 Dust/Jetting F	
		Others:		
		Minimum efficiency index, MEI	: 0.70	
		ErP status:	EuP Standalone/Prod.	
		Net weight:	47.2 kg	
		Gross weight:	53.8 kg	
		Shipping volume:	0.16 m ³	



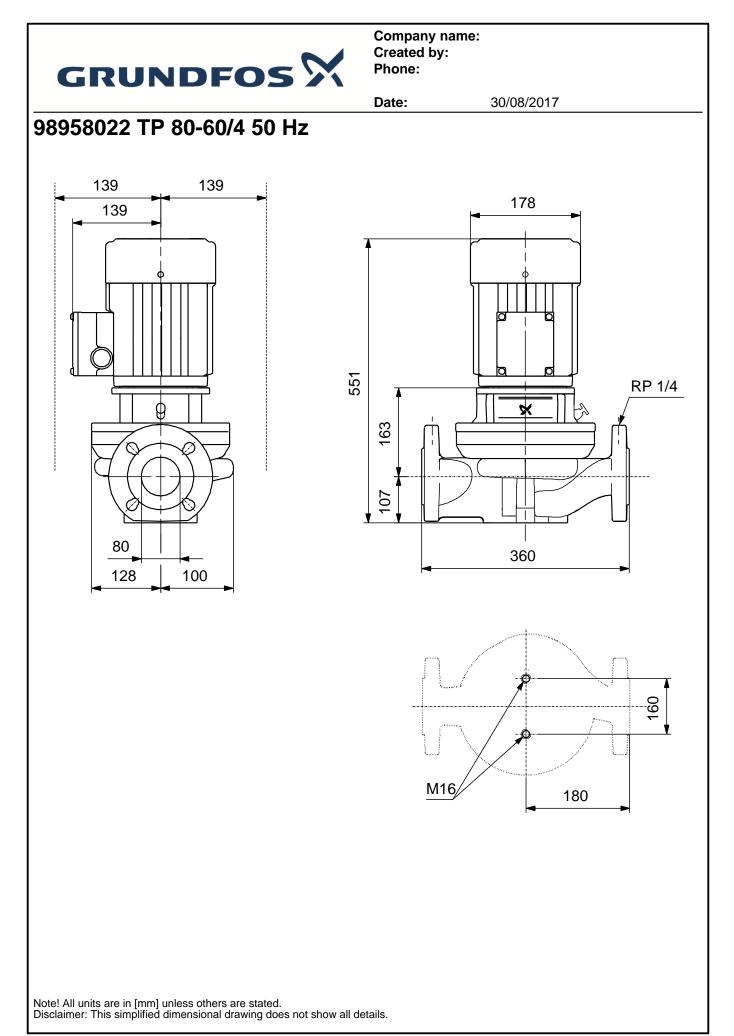
Printed from Grundfos Product Centre [2017.05.067]



		Date:	30/08/2017
Description	Value	H [m]	TP 80-60/4, 1*230 V, 50Hz
General information:		-	
Product name:	TP 80-60/4 AI-F-A-BQQE	-	
Product No:	98958022	6.0 -	
EAN number:	5712604244890	0.0	
	3712004244030	5.5 -	
Technical:		5.0 -	- 10
Speed for pump data:	1420 rpm	-	
Rated flow:	39.1 m ³ /h	4.5 -	90
		4.0 -	
Rated head:	4.97 m		70
Head max:	60 dm	3.5 -	
Actual impeller diameter:	133 mm	3.0 -	- 60
Primary shaft seal:	BQQE	2.5	-50
Curve tolerance:	ISO9906:2012 3B	2.0	
Pump version:	AI	2.0	40
Model:	A	1.5	- 30
Materials:		1.0	- 20
Pump housing:	Cast iron	0.5	I (
	EN-JL1040		
	ASTM A48-40 B	0.0	15 20 25 30 35 40 Q [m³/h]
Impeller:	Stainless steel	Р	
	DIN WNr. 1.4301	[Ŵ]	
	AISI 304	-	P1
Material and a		1000 -	
Material code:	Α	800 -	-2.1
Installation:		800-	
	00 10 00	600 -	P2 1.
Range of ambient temperature:	-30 40 °C	_	
Maximum operating pressure:	6 bar	400 -	
Flange standard:	DIN	200 -	
Connect code:	F	200	
Pipe connection:	DN 80	0	0.
Pump inlet:	DN 80		
Pump outlet:	DN 80		
Pressure stage:	PN 6		
Port-to-port length:	360 mm		
Flange size for motor:	FT115		
	11110		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Liquid temperature during operation:	-25 120 °C		
Density:	998.2 kg/m ³		
Electrical data:			
	0054		
Motor type:	90SA		
IE Efficiency class:	NA		
Rated power - P2:	0.75 kW		
Power (P2) required by pump:	0.75 kW		
Mains frequency:	50 Hz		
Rated voltage:	1 x 220-230 V		
Rated current:	5.45 A		
Starting current:	320 %		
Cos phi - power factor:	0,96		
Rated speed:	1390-1410 rpm		
Motor efficiency at full load:	71-70 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:			



		Date:	30/08/2017	
Description	Value			
Motor No:	86215704			
Others:				
Minimum efficiency index, MEI :	0.70			
ErP status:	EuP Standalone/Prod.			
Net weight:	47.2 kg			
Gross weight:	53.8 kg			
Shipping volume:	0.16 m ³			





30/08/2017

Date:

98958022 TP 80-60/4 50 Hz

