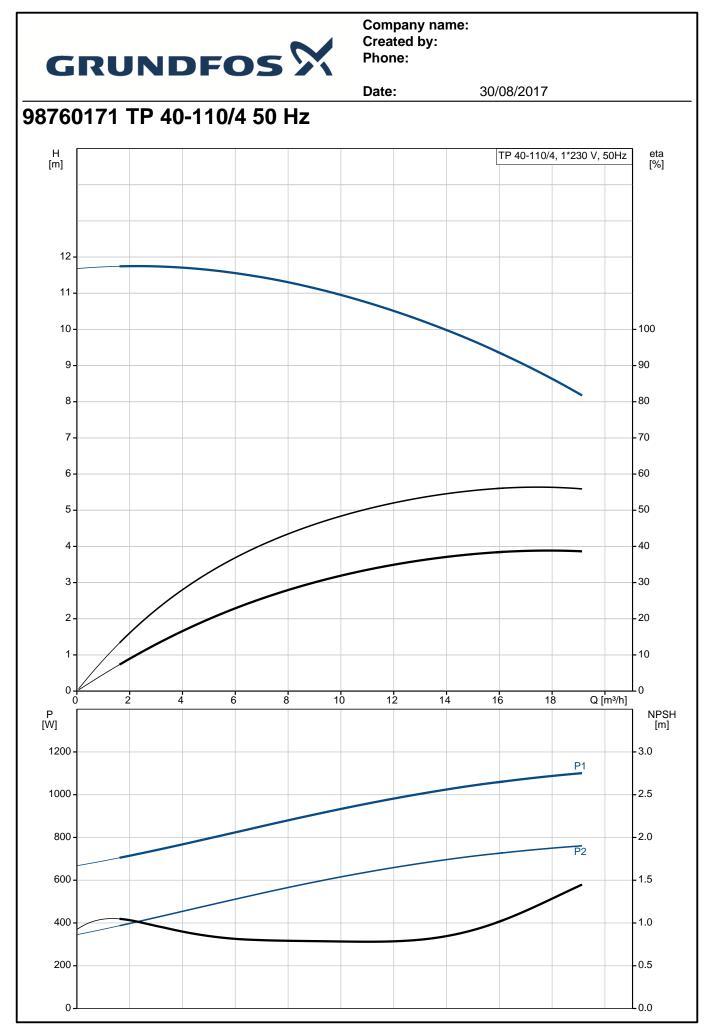
G	RI	UNDFOS	Company nar Created by: Phone:	ne:			
			Date:	30/08/2017			
Position	Qty.	Description					
	1	TP 40-110/4 A-F-A-BQQE					
		<ul> <li>Product No.: 98760171</li> <li>Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the 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.</li> <li>The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).</li> <li>The pump is fitted with a fan-cooled asynchronous motor.</li> </ul>					
		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:	1410 rpm 17 m <sup>3</sup> /h 8.93 m 190 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 stage: Port-to-port length: Flange size for motor:	-30 40 °C 16 bar DIN DN 40 DN 40 DN 40 PN 16 440 mm FF165				
		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		
		Description         Rated voltage:         Rated current:         Starting current:         Cos phi - power factor:         Rated speed:         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 V 5.45 A 320 % 0,96 1390-1410 rpm 4 55 Dust/Jetting F	30/08/2017
		Gross weight:	69 kg	

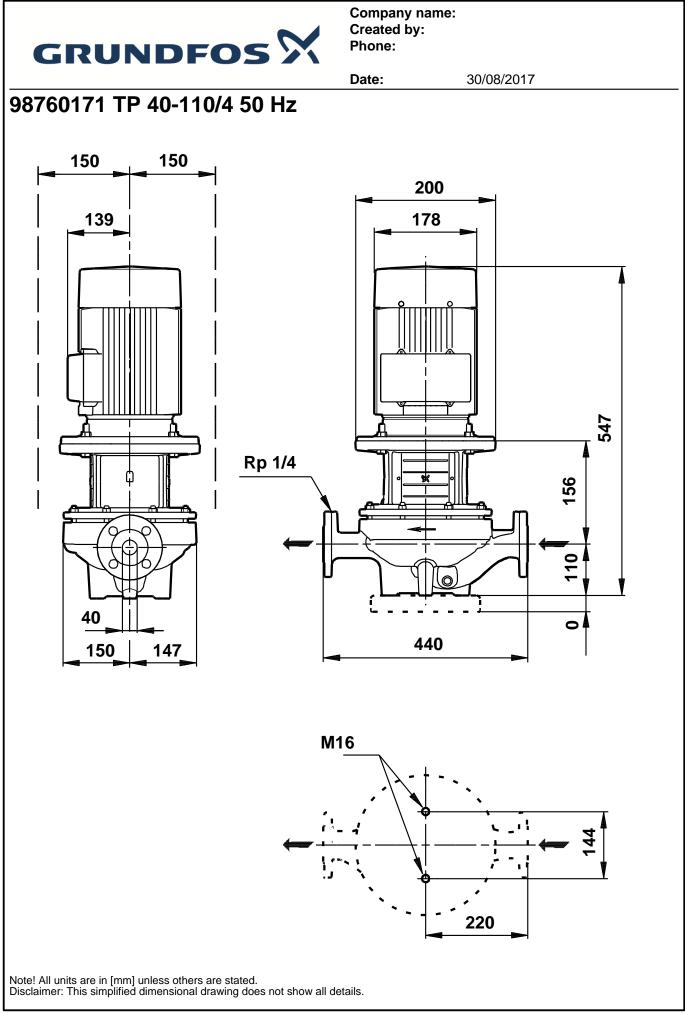




		Date:	50/00	8/2017	
Description	Value	H [m]		TP 40-110/4	4, 1*230 V, 50H
General information:					
Product name:	TP 40-110/4 A-F-A-BQQE				
Product No:	98760171	12 -			
EAN number:	5712600991569	12-			
EAN Humber.	3712000991309	11 -			
Technical:		10 -			
Speed for pump data:	1410 mm	-			
Rated flow:	1410 rpm	9-			
	17 m³/h	8-			
Rated head:	8.93 m				
Head max:	110 dm	7 -			
Actual impeller diameter:	190 mm	6 -			
Primary shaft seal:	BQQE	5 -			
Curve tolerance:	ISO9906:2012 3B	5-			
Pump version:	Α	4 -			
Model:	A	3 -			
Materials:		2			
Pump housing:	Cast iron	1			
-	EN-JL1040				
	ASTM A48-40 B		4 6 8	10 12 14	16 Q [m³/l
Impeller:	Cast iron	P [W]			
	EN-JL1030				
	ASTM A48-30 B	-			P1
Material code:	A	1000 -			
	R	800 -			
Installation:		000			P2
Range of ambient temperature:	-30 40 °C	600 -			
	16 bar	- 100			
Maximum operating pressure:		400 -	<u> </u>		
Flange standard:	DIN	200 -			
Connect code:	F	_			
Pipe connection:	DN 40	0			
Pump inlet:	DN 40				
Pump outlet:	DN 40				
Pressure stage:	PN 16				
Port-to-port length:	440 mm				
Flange size for motor:	FF165				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	-25 120 °C				
Liquid temperature during operation:	20 °C				
Density:	998.2 kg/m <sup>3</sup>				
Electrical data:					
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				
Number of poles:	4				
Enclosure class (IEC 34-5):	55 Dust/Jetting				
Insulation class (IEC 85):	F				
Motor protec:	PTO				
Motor No:	87200342				



GRUNDFUS //					
		Date:	30/08/2017		
Description	Value				
Others:					
Minimum efficiency index, MEI :	0.7				
ErP status:	EuP Standalone/Prod.				
Net weight:	55 kg				
Gross weight:	69 kg				
Shipping volume:	0.22 m³				





30/08/2017

Date: 08760171 TP 40-110/4 50 Hz

