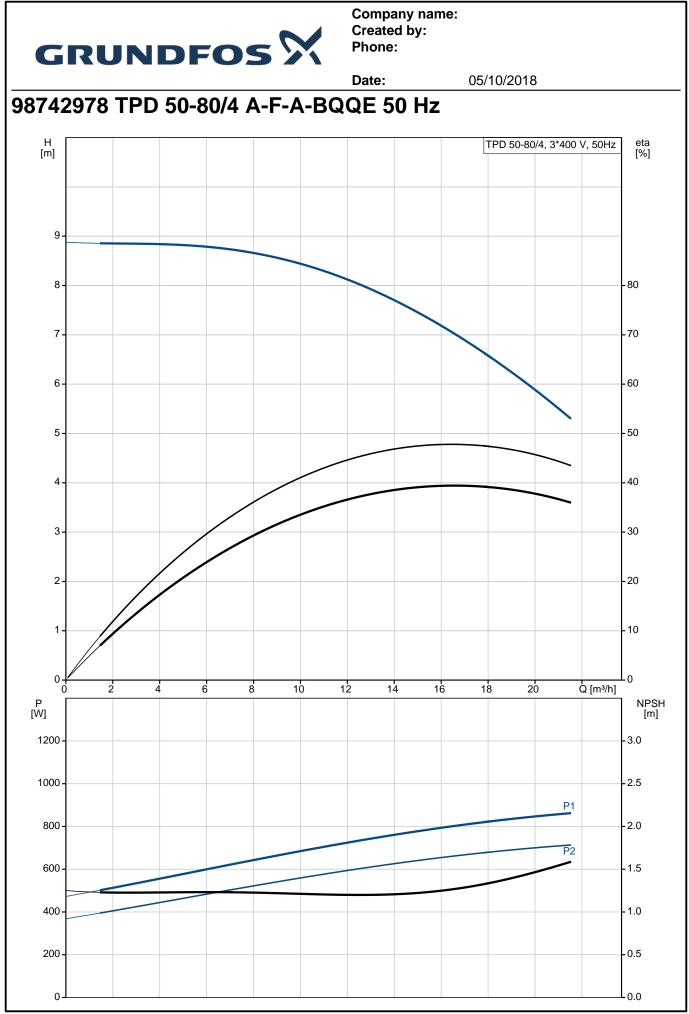
G	RI	UNDFOS	Company name Created by: Phone:	:			
			Date:	05/10/2018			
Position	Qty.	Description					
	1	TPD 50-80/4 A-F-A-BQQE					
		Product No.: 98742978					
		Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. 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.					
		Each power head 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). Each power head is fitted with a fan-cooled asynchronous motor of indentical size.					
		<b>Liquid:</b> Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³				
		<b>Technical:</b> Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	16.6 m³/h 6.97 m 176 mm BQQE ISO9906:2012 3B				
		Materials:					
		Pump housing:	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: (@): Flange size for motor:	-30 60 °C 16 bar DIN DN 50 DN 50 DN 50 PN 16 440 mm FF165				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Mains frequency: Rated voltage:	90SC IE3 2 x 0.75 kW 50 Hz 3 x 220-240D/380-415Y V				

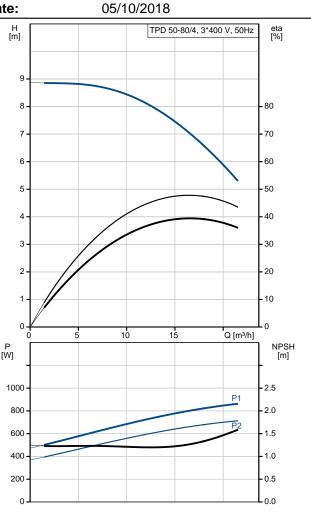


		Date:	05/10/2018
	cription		
Rate Start Cos Rate Effici Moto Moto Num Encle Insul <b>Othe</b> Minir ErP s Net v Gros	cription d current: ing current: phi - power factor: d speed: iency: or efficiency at full load: or efficiency at 3/4 load: or efficiency at 1/2 load: ber of poles: osure class (IEC 34-5): ation class (IEC 85):	Date: 3.30/1.90 A 620-670 % 0.71-0.64 1455-1463 rpm IE3 82,5% 82.5 % 83.6 % 81.1 % 4 55 Dust/Jetting F	



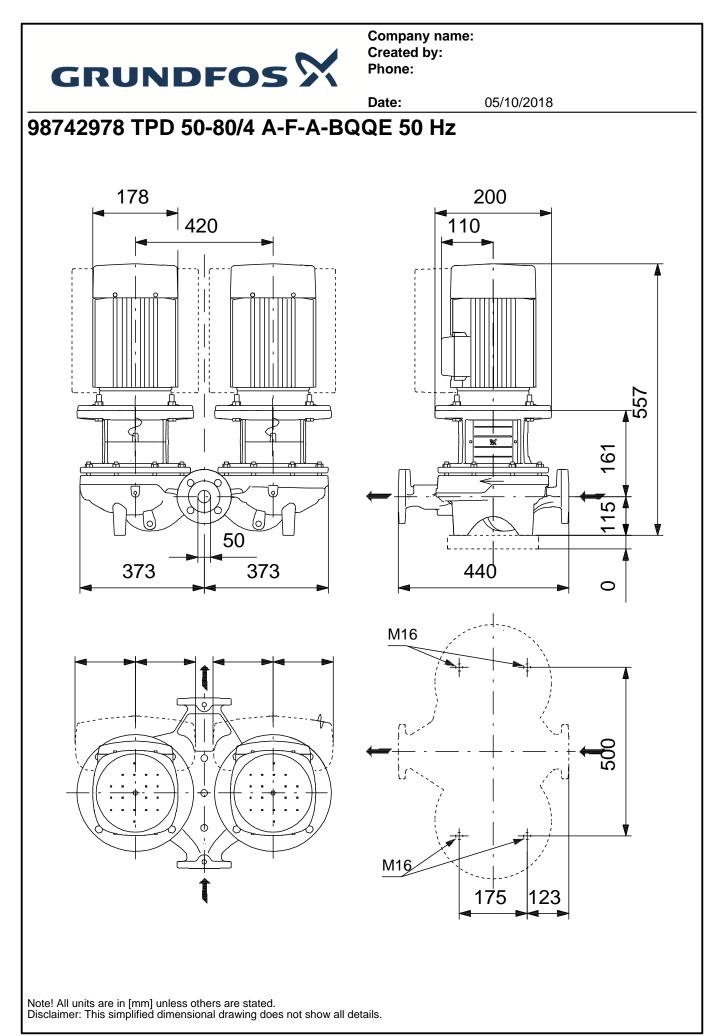


		н
Description	Value	[m]
General information:	TPD 50-80/4 A-F-A-BQQE	-
Product name: Product No:	98742978	9
EAN number:	5712600816893	
	5712000610693	8-
Technical:	40.0	_
Rated flow:	16.6 m <sup>3</sup> /h	7-
Rated head:	6.97 m	
Head max:	80 dm	6 -
Actual impeller diameter:	176 mm	_
Primary shaft seal:	BQQE	5 -
Curve tolerance:	ISO9906:2012 3B	4 -
Pump version:	A	4 -
Model:	A	3-
Materials:	<b>0</b> <i>i</i> :	_
Pump housing:	Cast iron	2
	EN-JL1040	-   //
	ASTM A48-40 B	1-
Impeller:	Cast iron	
	EN-JL1030	- 0 <del>1</del>
	ASTM A48-30 B	- P
Material code:	A	[W]
Installation:		
Range of ambient temperature:	-30 60 °C	1000 -
Maximum operating pressure:	16 bar	
Flange standard:	DIN	800 -
Pipe connection:	DN 50	600 -
Pump inlet:	DN 50	
Pump outlet:	DN 50	400 -
Pressure rating:	PN 16	200 -
(@)	440 mm	
Flange size for motor:	FF165	0
Connect code:	F	
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:	90SC	
IE Efficiency class:	IE3	
Rated power - P2:	2 x 0.75 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 220-240D/380-415Y V	
Rated current:	3.30/1.90 A	
Starting current:	620-670 %	
Cos phi - power factor:	0.71-0.64	
Rated speed:	1455-1463 rpm	
Efficiency:	IE3 82,5%	
Motor efficiency at full load:	82.5 %	
Motor efficiency at 3/4 load:	83.6 %	
Motor efficiency at 1/2 load:	81.1 %	
Number of poles:	4	
Enclosure class (IEC 34-5):		
	55 Dust/Jetting F	
Insulation class (IEC 85):		
Motor protec:	NONE	
Motor No: Others:	87120313	





		Date:	05/10/2018	
Description	Value			
ErP status:	EuP Standalone/Prod.			
Net weight:	130 kg			
Gross weight:	144 kg			
Shipping volume:	0.52 m <sup>3</sup>			





Date:

05/10/2018

## 98742978 TPD 50-80/4 A-F-A-BQQE 50 Hz

