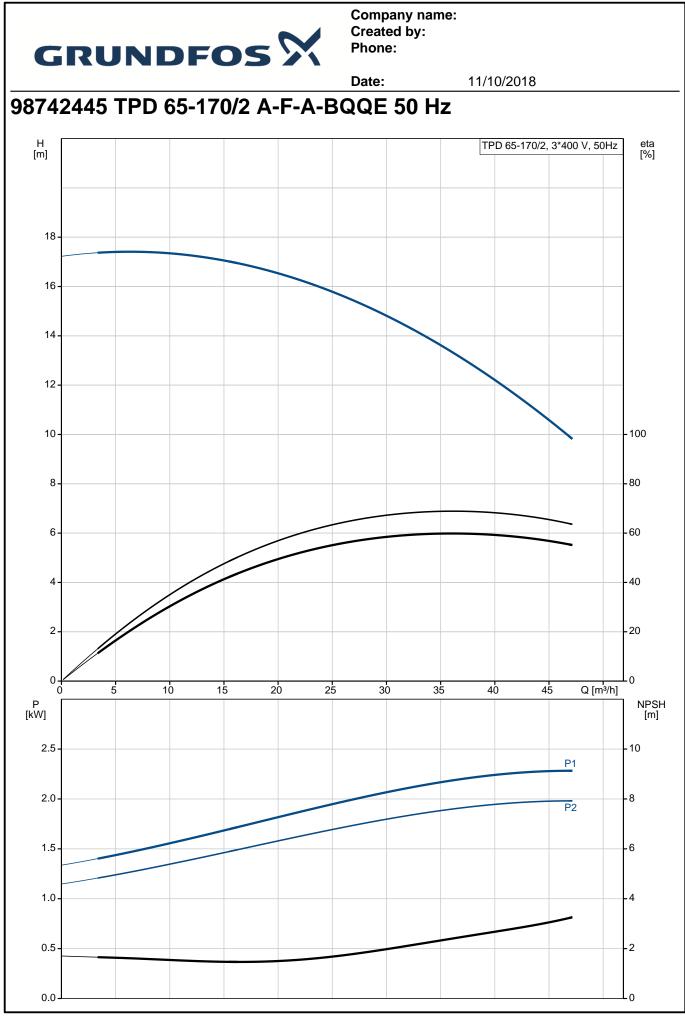
G		UNDFOS	Company Created Phone:				
			Date:		11/10/2018		
Position	Qty.	Description					
	1	TPD 65-170/2 A-F-A-BQQE					
		Product No.: 98742445					
		Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of ider diameter. The twin-head pump is designed with two 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 accord 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.					
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³				
		Technical: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	36 m³/h 13 m 116 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 rating: (@): Flange size for motor:	-30 60 °C 16 bar DIN DN 65 DN 65 DN 65 PN 16 360 mm FF165				
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Mains frequency: Rated voltage:	90LC IE3 2 x 2.2 kW 50 Hz 3 x 380-415D V				



			Date:	11/10/2018
osition	Qty.	Description		
		Rated current:	4.45 A	
		Starting current:	850-950 %	
		Cos phi - power factor:	0.89-0.87	
		Rated speed:	2890-2910 rpm	
		Efficiency:	IE3 85,9%	
		Motor efficiency at full load:	85.9 %	
		Motor efficiency at 3/4 load:	86.8 %	
		Motor efficiency at 1/2 load: Number of poles:	86.0 % 2	
		Enclosure class (IEC 34-5):	55 Dust/Jetting	
		Insulation class (IEC 85):	F	
			,	
		Others:		
		Minimum efficiency index, MEI		
		ErP status:	EuP Standalone/Prod.	
		Net weight:	116 kg	
		Gross weight:	130 kg 0.39 m³	
		Shipping volume: Country of origin:	HU	
		Custom tariff no.:	84137051	
			0-10/001	

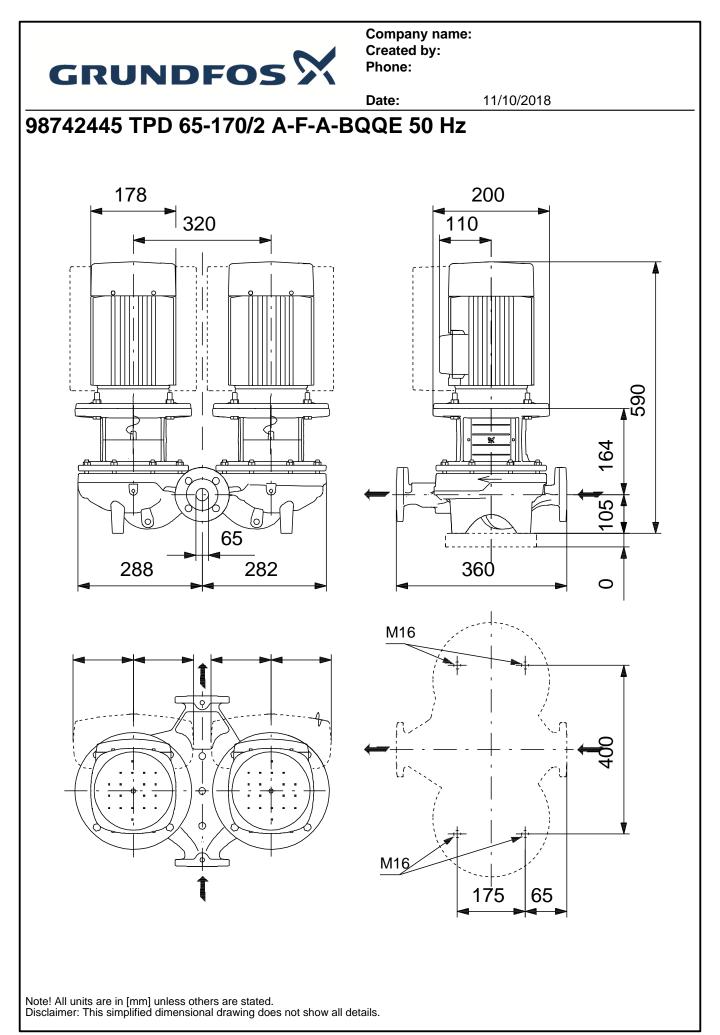




		- _{LI} (_	11/10/2018 TPD 65-170/2, 3*400 V, 50Hz			
Description	Value	H [m]		TPD 65	170/2, 3*4	400 V, 50Hz	e [?
General information:							
Product name:	TPD 65-170/2 A-F-A-BQQE						
Product No:	98742445	18 -					
EAN number:	5712600811676	16					
Price:	3.260,00 GBP	10-					
Technical:		14 -					
Rated flow:	36 m³/h						
Rated head:	13 m	12 -					
Head max:	170 dm						
Actual impeller diameter:	116 mm	10 -					- 100
Primary shaft seal:	BQQE	_					
Curve tolerance:	ISO9906:2012 3B	8 -					- 80
Pump version:	A					<u> </u>	
Model:	A	6 -				<u> </u>	- 60
Materials:							40
Pump housing:	Cast iron	4 -					- 40
	EN-JL1040	2					- 20
	ASTM A48-40 B						
Impeller:	Cast iron	o 🖊 🚬					Lo
	EN-JL1030		10 15 20	25 30	35 40	Q [m³/h]] NP
	ASTM A48-30 B	P [kW]					INP [r
Material code:	A	2.5 -				P1	- 10
Installation:		-					
Range of ambient temperature:	-30 60 °C	2.0 -				P2	-8
Maximum operating pressure:	16 bar	4.5					
Flange standard:	DIN	1.5					-6
Pipe connection:	DN 65	1.0					4
Pump inlet:	DN 65						
Pump outlet:	DN 65	0.5					-2
Pressure rating:	PN 16	-					
(@)	360 mm	0.0					L ₀
Flange size for motor:	FF165						
Connect code:	F						
Liquid:							
Pumped liquid:	Water						
Liquid temperature range:	-25 120 °C						
Liquid temperature during operation:							
Density:	998.2 kg/m ³						
Electrical data:							
Motor type:	90LC						
IE Efficiency class:	IE3						
Rated power - P2:	2 x 2.2 kW						
Mains frequency:	50 Hz						
Rated voltage:	3 x 380-415D V						
Rated current:	4.45 A						
Starting current:	850-950 %						
Cos phi - power factor:	0.89-0.87						
Rated speed:	2890-2910 rpm						
Efficiency: Motor officiency at full load:	IE3 85,9%						
Motor efficiency at full load:	85.9 %						
Motor efficiency at 3/4 load:	86.8 %						
Motor efficiency at 1/2 load:	86.0 %						
Number of poles:	2						
Enclosure class (IEC 34-5):	55 Dust/Jetting						
Insulation class (IEC 85):	F						
Motor protec:	NONE						
Motor No:	87220294						
Others:							



		Date:	11/10/2018	
Description	Value			
Minimum efficiency index, MEI :	0.7			
ErP status:	EuP Standalone/Prod.			
Net weight:	116 kg			
Gross weight:	130 kg			
Shipping volume:	0.39 m³			
Country of origin:	HU			
Custom tariff no.:	84137051			





Date:

11/10/2018

98742445 TPD 65-170/2 A-F-A-BQQE 50 Hz

