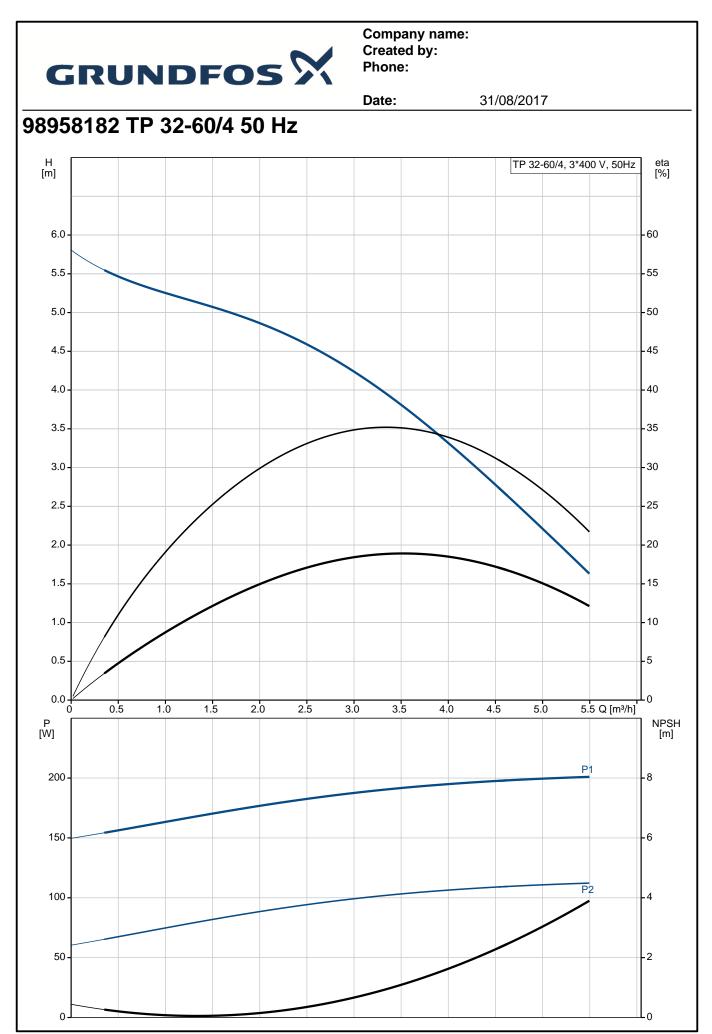
G	RI	UNDFOS	Croa	pany name: ted by: ne:	
			Date	:	31/08/2017
Position	Qty.	Description			
	1	TP 32-60/4 A-F-A-BQQE			
		Product No.: 98958182			
		Single-stage, close-coupled, volu The pump is of the top-pull-out co removed for maintenance or ser	lesign, i.e. the pov	ver head (moto	d discharge ports of identical diameter. or, pump head and impeller) can be hains in the pipework.
		The pump is fitted with an unbala Pipework connection is via PN 6 The pump is fitted with a fan-coc			shaft seal is according to EN 12756. ISO 7005-2).
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m ³		
		Technical: Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	1370 rpm 3.6 m ³ /h 4.3 m 136 mm BQQE ISO9906:2012 3	B	
			1003300.2012 3	5	
		Materials: Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Stainless steel DIN WNr. 1.430 AISI 304)1	
		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 10 bar DIN DN 32 DN 32 DN 32 PN 6/10 280 mm FT85		
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	71A NA 0.25 kW 0.25 kW 50 Hz		



			Date:	31/08/2017
osition	Qty.	Description		
		Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	3 x 220-240D/380-415Y V 1,48/0,85 A 400-440 % 0,75-0,65 1400-1420 rpm 61,5% - 68,5% 61.5-68.5 % 70 % 63.9 % 4 55 Dust/Jetting F	
		Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume: Danish:		



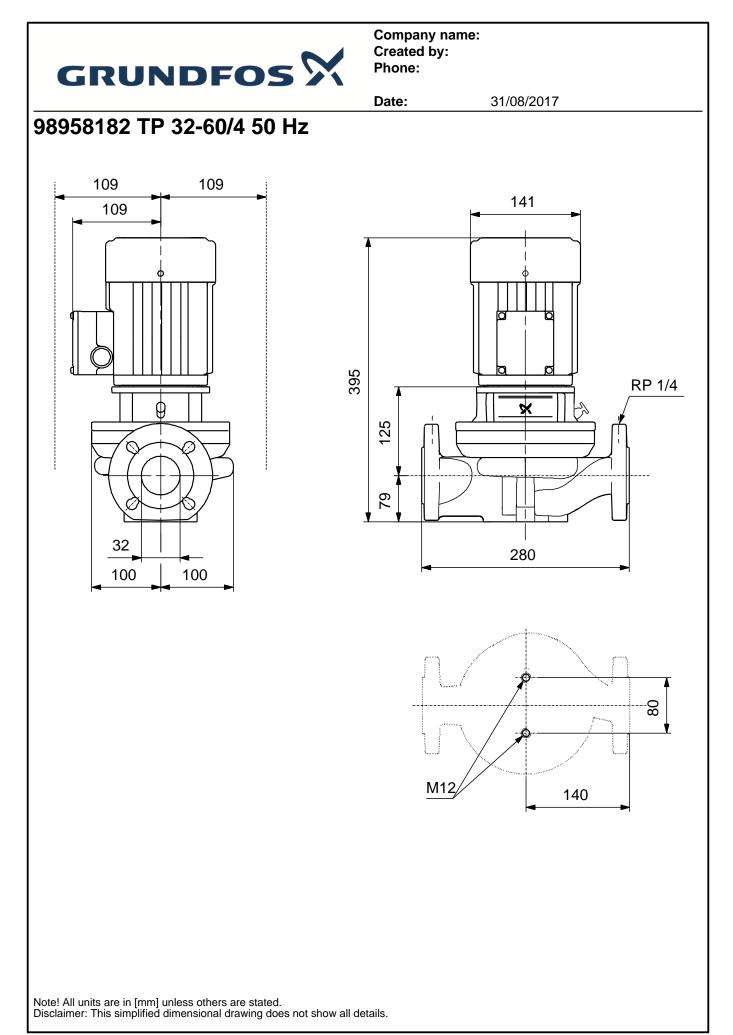


		Date:		31/08/2		
Description	Value	H [m]			TP 32-6	60/4, 3*400 V, 50
General information:		-				
Product name:	TP 32-60/4 A-F-A-BQQE	6.0 -				
Product No:	98958182					
EAN number:	5712604246504	5.5 -				
Technical:		4.5 -		\searrow		
Speed for pump data:	1370 rpm	4.5				
Rated flow:	3.6 m³/h	4.0 -				
Rated head:	4.3 m	-				
Head max:	60 dm	3.5 -				
	136 mm	3.0 -				
Actual impeller diameter:		-				
Primary shaft seal:	BQQE	2.5 -				
Curve tolerance:	ISO9906:2012 3B	2.0 -				
Pump version:	A	_				\sim
Model:	A	1.5-				
Materials:		1.0				
Pump housing:	Cast iron	0.5				
	EN-JL1040					
	ASTM A48-40 B	0.0	1.0 1.5	2.0 2.5 3	.0 3.5 4.0	4.5 5.0 Q [m ³
Impeller:	Stainless steel	Р	-			
	DIN WNr. 1.4301	[W] 200 -				P1
	AISI 304	-				
Material code:	A	150				
Installation:		_				
Range of ambient temperature:	-30 40 °C	100 -				P2
Maximum operating pressure:	10 bar	-				
Flange standard:	DIN	50 -				
Connect code:	F	-				
	DN 32					
Pipe connection: Pump inlet:	DN 32	0				
•						
Pump outlet:	DN 32					
Pressure stage:	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:	71A					
IE Efficiency class:	NA					
Rated power - P2:	0.25 kW					
Power (P2) required by pump:	0.25 kW					
Mains frequency:	50 Hz					
Rated voltage:	3 x 220-240D/380-415Y V					
Rated current:	1,48/0,85 A					
Starting current:	400-440 %					
Cos phi - power factor:	0,75-0,65					
Rated speed:	1400-1420 rpm					
Efficiency:	61,5% - 68,5%					
Motor efficiency at full load:	61.5-68.5 %					
Motor efficiency at 3/4 load:	70 %					
Motor efficiency at 1/2 load:	63.9 %					
	03.3 /0					

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		Date:	31/08/2017
Description	Value		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	86805101		
Others:			
Minimum efficiency index, MEI :			
ErP status:	EuP Standalone/Prod.		
Net weight:	23.2 kg		
Gross weight:	26.7 kg		
Shipping volume:	0.06 m ³		
Danish:	VVS NO 381821060		





31/08/2017

98958182 TP 32-60/4 50 Hz

