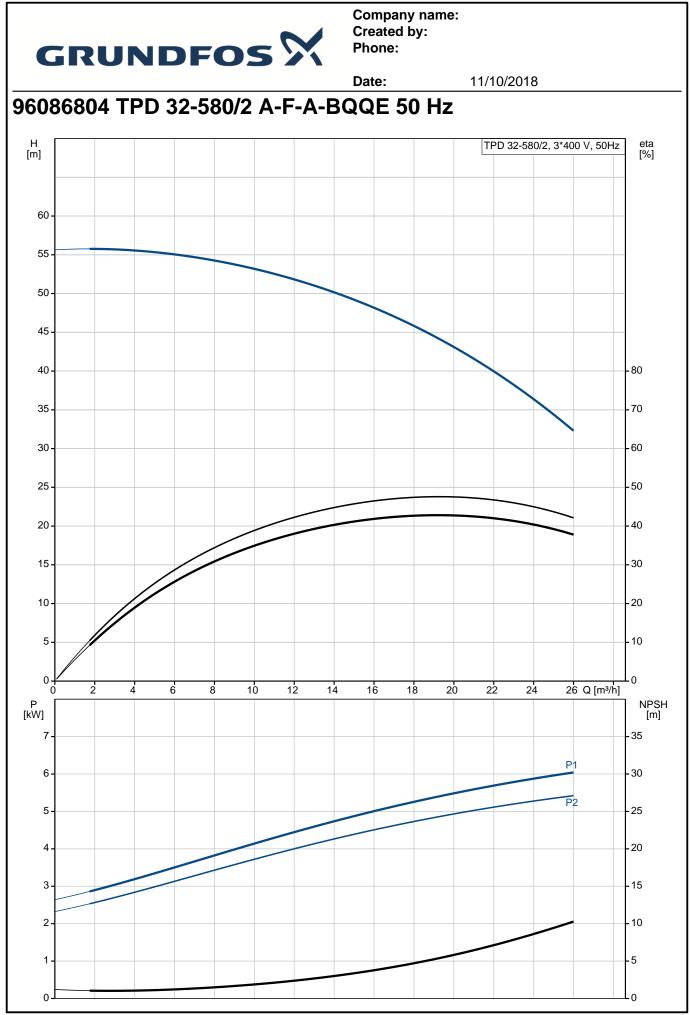
G		UNDFOS	Company Created b Phone:					
			Date:	11/10/201	8			
Position	Qty.	Description						
	1	TPD 32-580/2 A-F-A-BQQE						
		Product No.: 96086804	4- 4- in h					
		diameter. The twin-head pump is top-pull-out design, i.e. the power maintenance or service while the	ingle-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of idea iameter. The twin-head pump is designed with two parallel power-heads. The pump is of the op-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for haintenance 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 E 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:	19.6 m³/h 43 m 205 mm BQQE ISO9906:2012 3B					
		<b>Materials:</b> 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 32 DN 32 DN 32 PN 16 440 mm FF265					
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	132SC IE3 2 x 5.5 kW 5.5 kW 50 Hz					



Company name: Created by: Phone:

			Date:	11/10/2018
Position	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 380-415D V 11 A 1080-1180 % 0.87-0.82 2920-2940 rpm IE3 89,2% 89.2 % 90.0 % 89.6 % 2 55 Dust/Jetting F	
		Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume: Country of origin: Custom tariff no.:	: 0.50 EuP Standalone/Prod. 179 kg 190 kg 0.46 m <sup>3</sup> HU 84137065	





## Company name: Created by: Phone:

Description	Value	H [m]		TPD 32-580/2, 3*4	00 V, 50Hz
General information:					
Product name:	TPD 32-580/2 A-F-A-BQQE	60 -			
Product No:	96086804	55			
EAN number:	5700395307603	55 -			
Price:	4.203,00 GBP	50 -			
Technical:					
Rated flow:	19.6 m³/h	45 -			
Rated head:	43 m	40 -			
Head max:	580 dm				
		35 -			$\mathbf{X}$
Actual impeller diameter:	205 mm	30 -			•
Primary shaft seal:	BQQE				
Curve tolerance:	ISO9906:2012 3B	25 -			_
Pump version:	A	20 -			$\geq$
Model:	A				
Materials:		15 -			
Pump housing:	Cast iron	10-	/		
	EN-JL1040				
	ASTM A48-40 B	5-			
Impeller:	Cast iron	o 🖊 📃			
1	EN-JL1030	Ó t	5 10	15 20	Q [m³/h]
	ASTM A48-30 B	P [kW]			
Material code:	A31101 A40-30 B				
	~	6 -			P1
Installation:	20 00 %				
Range of ambient temperature:	-30 60 °C	5 -			P2
Maximum operating pressure:	16 bar	4 -			
Flange standard:	DIN				
Pipe connection:	DN 32	3-			
Pump inlet:	DN 32	2-			
Pump outlet:	DN 32	1 -			
Pressure rating:	PN 16				
(@)	440 mm	0			
Flange size for motor:	FF265				
Connect code:	F				
Liquid:	-				
Pumped liquid:	Water				
	-25 120 °C				
Liquid temperature range:					
Liquid temperature during operation:					
Density:	998.2 kg/m <sup>3</sup>				
Electrical data:					
Motor type:	132SC				
IE Efficiency class:	IE3				
Rated power - P2:	2 x 5.5 kW				
Power (P2) required by pump:	5.5 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 380-415D V				
Rated current:	11 A				
Starting current:	1080-1180 %				
Cos phi - power factor:	0.87-0.82				
Rated speed:	2920-2940 rpm				
Efficiency:	IE3 89,2%				
Motor efficiency at full load:	89.2 %				
Motor efficiency at 3/4 load:	90.0 %				
Motor efficiency at 1/2 load:	89.6 %				
Number of poles:	2				
Enclosure class (IEC 34-5):	55 Dust/Jetting				
Insulation class (IEC 85):	F				
Motor protec:	PTC				
Motor No:					
MOUTINO.	87322229				



Company name: Created by: Phone:

		Date:	11/10/2018
Description	Value		
Others:			
Minimum efficiency index, MEI :	0.50		
ErP status:	EuP Standalone/Prod.		
Net weight:	179 kg		
Gross weight:	190 kg		
Shipping volume:	0.46 m <sup>3</sup>		
Country of origin:	HU		
Custom tariff no .:	84137065		

