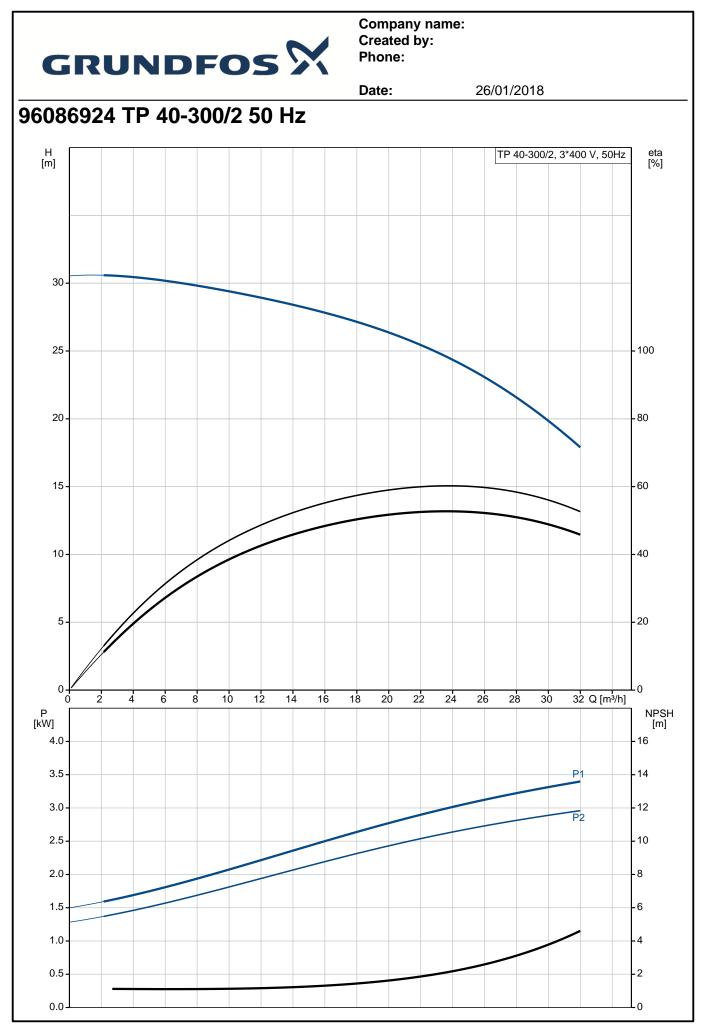
G	R	UNDFOS	Company i Created by Phone:			
			Date:	26/01/2018		
Position	Qty.	Description				
	1	TP 40-300/2 A-F-A-BQQE				
		Product No.: 96086924				
		Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diam. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework. The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 1275 Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2). The pump is fitted with a fan-cooled asynchronous motor.				
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	umped liquid: Water quid temperature range: -25 120 °C quid temperature during operation: 20 °C			
		<b>Technical:</b> Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	2910 rpm 23.7 m³/h 24.6 m 151 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: Port-to-port length: Flange size for motor:	-30 60 °C 16 bar DIN DN 40 DN 40 DN 40 PN 16 340 mm FF215			
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	100LC IE3 3 kW 3 kW 50 Hz			



Company name: Created by: Phone:

			Date:	26/01/2018
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 6.3 A 840-920 % 0,87-0,82 2900-2920 rpm IE3 87,1% 87.1 % 88.0 % 87.7 % 2 55 Dust/Jetting F	
		Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume:	: 0.52 EuP Standalone/Prod. 60 kg 77 kg 0.18 m <sup>3</sup>	





## Company name: Created by: Phone:

		Date:	26/01/2018
Description Value		H [m]	TP 40-300/2, 3*400 V, 50Hz
General information:			
Product name:	TP 40-300/2 A-F-A-BQQE		
Product No:	96086924	_	
EAN number:	5700395308808	20	
	5700393500000	30 -	
Technical:		_	
Speed for pump data:	2910 rpm	25 -	11
Rated flow:	23.7 m <sup>3</sup> /h	_	
Rated head:	24.6 m	-	
Head max:	300 dm	20 -	8
Actual impeller diameter:	151 mm	_	
Primary shaft seal:	BQQE	15 -	6
Curve tolerance:	ISO9906:2012 3B		
		_	
Pump version:	A	10 -	-4
Model:	Α	_	
Materials:		5-	_2
	Cost iron	- ĭ] 🖊	
Pump housing:	Cast iron	- //	
	EN-JL1040	0 <u>/</u>	5 10 15 20 25 Q [m³/h]
	ASTM A48-40 B	— Р [	5 10 15 20 25 Q [m³/h]
Impeller:	Cast iron	[kW]	
	EN-JL1030	3.5 -	P1 - 1
	ASTM A48-30 B		
Material code:	A	3.0 -	P2 11
		2.5 -	1
Installation:		2.0	-8
Range of ambient temperature:	-30 60 °C	- 1.5	6
Maximum operating pressure:	16 bar		
Flange standard:	DIN	1.0 -	4
Connect code:	F	0.5 -	2
Pipe connection:	DN 40	0.0	0
Pump inlet:	DN 40		
Pump outlet:	DN 40		
Pressure rating:	PN 16		
Port-to-port length:	340 mm		
Flange size for motor:	FF215		
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:			
Electrical data:	1001 C		
Motor type:	100LC		
IE Efficiency class:	IE3		
Rated power - P2:	3 kW		
Power (P2) required by pump:	3 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-415D V		
Rated current:	6.3 A		
Starting current:	840-920 %		
Cos phi - power factor:	0,87-0,82		
Rated speed:	2900-2920 rpm		
Efficiency:	IE3 87,1%		
Motor efficiency at full load:	87.1 %		
Motor efficiency at 3/4 load:	88.0 %		
Motor efficiency at 1/2 load:	87.7 %		
Number of poles:	2		

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Company name: Created by: Phone:

		Date:	26/01/2018
Description	Value		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	PTC		
Motor No:	87272297		
Others:			
Minimum efficiency index, MEI :	0.52		
ErP status:	EuP Standalone/Prod.		
Net weight:	60 kg		
Gross weight:	77 kg		
Shipping volume:	0.18 m³		

