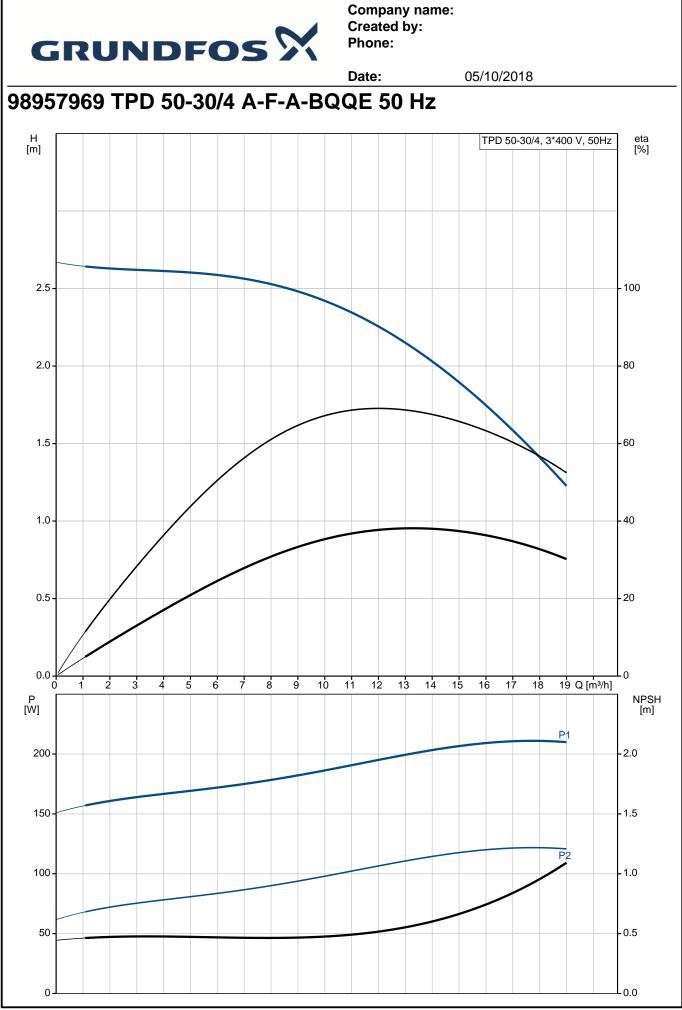
G	R	UNDFOS	Company na Created by: Phone:	ame:		
			Date:	05/10/2018		
Position	Qty.	Description				
	1	TPD 50-30/4 A-F-A-BQQE				
		Product No.: 98957969				
		diameter. The twin-head pump is top-pull-out design, i.e. the power	coupled, volute twin-head pump with in-line suction and discharge ports of identical ead pump is designed with two parallel power-heads. The pump is of the .e. the power head (motor, pump head and impeller) can be removed for ice while the pump housing remains in the pipework.			
		12756. Pipework connection is v	ach power head is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 2756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2). ach power head is fitted with a fan-cooled asynchronous motor of indentical size.			
		Liquid: Pumped liquid: Liquid temperature range:	Water -25 120 °C			
		Liquid temperature during opera Density:	1001: 20 °C 998.2 kg/m ³			
		Technical: Rated flow:	11.9 m ³ /h			
		Rated head: Actual impeller diameter:	2.26 m 91 mm			
		Primary shaft seal:	BQQE			
		Curve tolerance:	ISO9906:2012 3B			
		Materials:	Oration			
		Pump housing:	Cast iron EN-JL1040			
			ASTM A48-40 B			
		Impeller:	Stainless steel DIN WNr. 1.4301			
			AISI 304			
		Installation:				
		Range of ambient temperature:				
		Maximum operating pressure: Flange standard:	10 bar DIN			
		Pipe connection:	DN 50			
		Pump inlet: Pump outlet:	DN 50 DN 50			
		Pressure rating:	PN 6/10			
		(@): Flange size for motor:	280 mm FT85			
		Electrical data:				
		Motor type:	71A			
		Rated power - P2:	2 x 0.25 kW			
		Mains frequency: Rated voltage:	50 Hz 3 x 220-240D/380-415Y V	/		
		Rated current:	1.48/0.85 A			

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Company name: Created by: Phone:

			Date:	05/10/2018	
Position	Qty.	Description			
		Description 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): Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume:	Date: 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	05/10/2018	





Company name: Created by: Phone:

		Date:	05/10/2018
Description	Value	H [m]	TPD 50-30/4, 3*400 V, 50H
General information:		-	
Product name:	TPD 50-30/4 A-F-A-BQQE	-	
Product No:	98957969	-	
AN number:	5712604244364		
Fechnical:		2.5 -	
Rated flow:	11.9 m³/h	-	
Rated head:	2.26 m	-	
Head max:	30 dm	2.0 -	
Actual impeller diameter:	91 mm	-	
Primary shaft seal:	BQQE	-	
Curve tolerance:	ISO9906:2012 3B	1.5 -	
Pump version:	A	-	
Model:	A	-	
Materials:	~	1.0	
Pump housing:	Cast iron		
unp nousing.	EN-JL1040	/ _	
	ASTM A48-40 B	0.5-	
mpollor			
mpeller:	Stainless steel DIN WNr. 1.4301		
	DIN WNr. 1.4301 AISI 304		6 8 10 12 14 16 Q [m ³ /
		- P	
Aaterial code:	A	[W]	P1
nstallation:	00 10 00	200 -	
Range of ambient temperature:	-30 40 °C	_	
Maximum operating pressure:	10 bar	150	
Flange standard:	DIN	_	
Pipe connection:	DN 50	100 -	P2
Pump inlet:	DN 50		
Pump outlet:	DN 50	50 -	
Pressure rating:	PN 6/10		
@)	280 mm		
Flange size for motor:	FT85	0	
Connect code:	F		
Liquid:			
Pumped liquid:	Water		
_iquid temperature range:	-25 120 °C		
iquid temperature during operation:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
Notor type:	71A		
Rated power - P2:	2 x 0.25 kW		
Aains 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 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
nsulation class (IEC 85):	F		
	F NONE		
Motor protec:			
Motor No:	86805101		
Others:	0.70		
Minimum efficiency index, MEI :	0.70		
ErP status:	EuP Standalone/Prod.		



eta [%]

- 100

- 80

- 60

40

- 20

0

2.0

1.5

- 1.0

-0.5

-0.0

NPSH [m]



Company name: Created by: Phone:

		-	
		Date:	05/10/2018
Description	Value		
Net weight:	46.7 kg		
Gross weight:	53.7 kg		
Shipping volume:	0.12 m ³		

