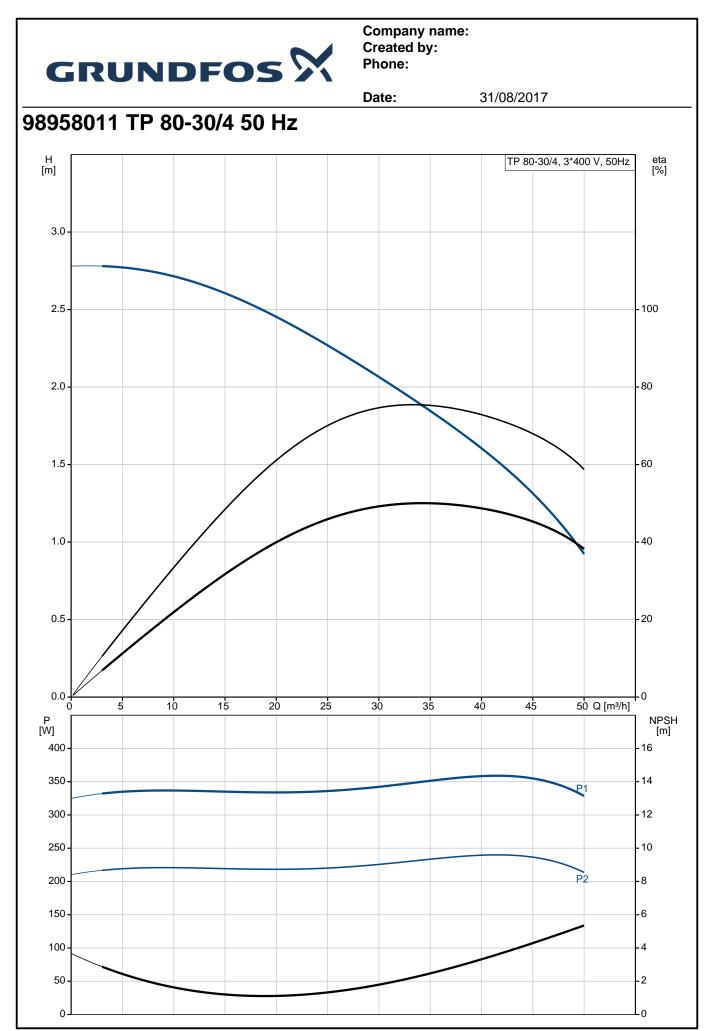
G	RI	UNDFOS	Company nan Created by: Phone:	ne:		
			Date:	31/08/2017		
Position	Qty.	Description				
	1	TP 80-30/4 AI-F-A-BQQE				
		Product No.: 98958011				
		Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, 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 unbal Pipework connection is via PN 6 The pump is fitted with a fan-coo		he shaft seal is according to EN 12756. I ISO 7005-2).		
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³			
		<b>Technical:</b> Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	1400 rpm 34.9 m³/h 1.85 m 104 mm BQQE ISO9906:2012 3B			
		<b>Materials:</b> Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Stainless steel DIN WNr. 1.4301 AISI 304			
		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 6 bar DIN DN 80 DN 80 DN 80 PN 6 360 mm FT85			
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	71B NA 0.37 kW 0.37 kW 50 Hz			



			Date:	31/08/2017
osition	Qty.	Description		
DSITION	Qty.	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 1,90/1,10 A 400-440 % 0,77-0,67 1400-1420 rpm 66,0% 66.0 % 72.2 % 67.6 % 4 55 Dust/Jetting F	
		Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume:	: 0.70 EuP Standalone/Prod. 43.3 kg 49.9 kg 0.16 m <sup>3</sup>	



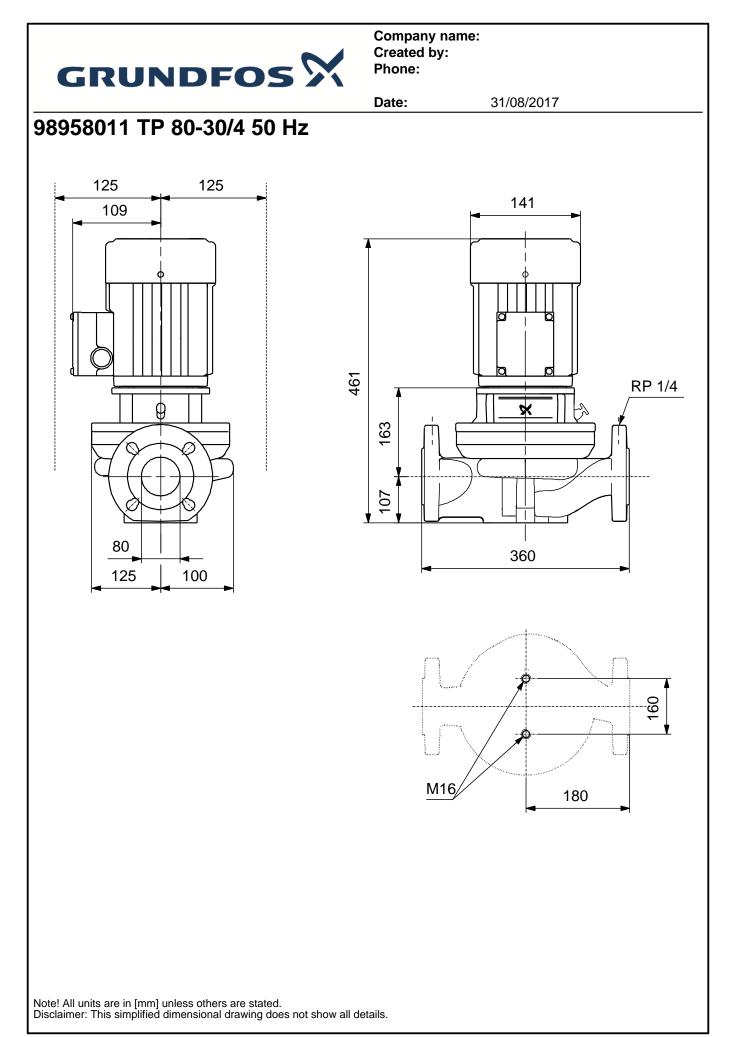


GRUNDI		Dete: 04/00/0047	
		Date: 31/08/2017	
Description	Value	H [m]	eta [%]
General information:		3.0-	
Product name:	TP 80-30/4 AI-F-A-BQQE		
Product No:	98958011	2.5	00
EAN number:	5712604244784		
		2.0	0
Technical:			0
Speed for pump data:	1400 rpm	1.5	U
Rated flow:	34.9 m <sup>3</sup> /h	1.0	0
Rated head:	1.85 m		U
Head max:	30 dm	0.5	0
Actual impeller diameter:	104 mm		
		0.0	
Primary shaft seal:	BQQE	0 5 10 15 20 25 30 35 40 45 Q [m³/h]	
Curve tolerance:	ISO9906:2012 3B	P [W]	NPSH [m]
Pump version:	AI	P1	5.03
Model:	A	300 - 15	5
		200 - P2 10	0
Materials:		100	
Pump housing:	Cast iron		
	EN-JL1040		
	ASTM A48-40 B		-
Impeller:	Stainless steel		
	DIN WNr. 1.4301		
	AISI 304	──   ॑॑────   │ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │ │	
Material code:	A		
Installation:			
Range of ambient temperature:	-30 40 °C		
Maximum operating pressure:	6 bar		
Flange standard:	DIN		
Connect code:	F	л	
Pipe connection:	DN 80		
Pump inlet:	DN 80		
•		<u>M19</u> 180	
Pump outlet:	DN 80		
Pressure stage:	PN 6	HIGH VOLTAGE DIRECTION OF ROTATION	
Port-to-port length:	360 mm		
Flange size for motor:	FT85		
1 Second de			
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:	71B		
IE Efficiency class:	NA		
Rated power - P2:	0.37 kW		
Power (P2) required by pump:	0.37 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y V		
Rated current:	1,90/1,10 A		
Starting current:	400-440 %		
Cos phi - power factor:	0,77-0,67		
Rated speed:	1400-1420 rpm		
Efficiency:	66,0%		
Motor efficiency at full load:	66.0 %		
Motor efficiency at 3/4 load:	72.2 %		
Motor efficiency at 1/2 load:	67.6 %		
Number of poles:	4		

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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:	86805102		
Others:			
Minimum efficiency index, MEI :	0.70		
ErP status:	EuP Standalone/Prod.		
Net weight:	43.3 kg		
Gross weight:	49.9 kg		
Shipping volume:	0.16 m <sup>3</sup>		





31/08/2017

## 98958011 TP 80-30/4 50 Hz

