

3

30/06/2017

Position | Qty. | Description

1



Product No.: 98958079

Note! Product picture may differ from actual product

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.

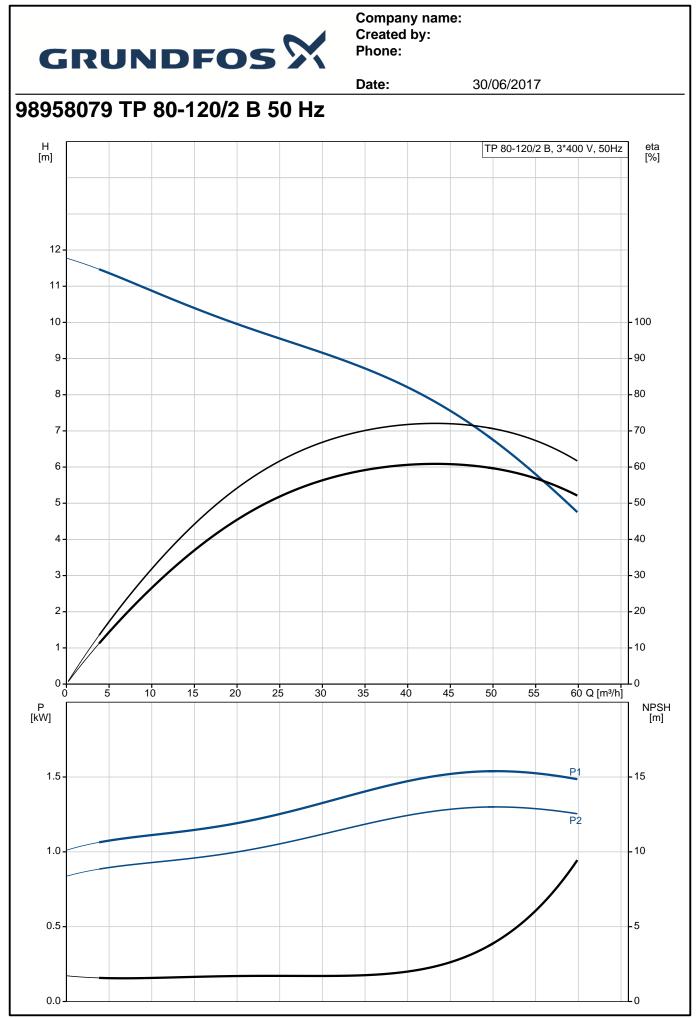
The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 6 DIN flanges (EN 1092-2 and ISO 7005-2). The pump is fitted with a fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³
Technical: Speed for pump data: Rated flow: Rated head: Primary shaft seal: Curve tolerance:	2910 rpm 42.5 m³/h 7.91 m BQQE ISO9906:2012 3B
Materials: Pump housing: Impeller:	Bronze DIN WNr. 2.1050 ASTM B505-C90700 Stainless steel DIN WNr. 1.4301 AISI 304
Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pressure stage: Port-to-port length: Flange size for motor:	-30 60 °C 6 bar DIN DN 80 PN 6 360 mm FT115
Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage:	90SB IE3 1.5 kW 1.5 kW 50 Hz 3 x 220-240D/380-415Y V



Position Qty. Description Image: Staring current: 5,45/3,15 A Staring current: 80,930 % Cos phi - power factor: 0,87-0,82 Rated speed: 2890-2910 rpm Efficiency: E18 48,2% Motor efficiency at full load: 84.5 % Motor efficiency at 1/2 load: 83.1 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Others: Label: Grundfos Blueflux Minimum efficiency index, MEI 0.70 Er P status: EUP Standalone/Prod. Net weight: 52 kg Shipping volume: 0.16 m ³				Date:	30/06/2017
Starting current:850-930 %Cos phi - power factor:0,87-0,82Rated speed:2890-2910 rpmEfficiency:IE3 84,2%Motor efficiency at full load:84.2 %Motor efficiency at 3/4 load:84.5 %Motor efficiency at 1/2 load:83.1 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FOthers:Label:Label:Grundfos BluefluxMinimum efficiency index, MEI :0.70ErP status:EuP Standalone/Prod.Net weight:52.4 kgGross weight:59 kg	Position	Qty.	Description		
			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): Others: Label: Minimum efficiency index, MEI ErP status: Net weight: Gross weight:	Date: 5,45/3,15 A 850-930 % 0,87-0,82 2890-2910 rpm IE3 84,2% 84.2 % 84.5 % 83.1 % 2 55 Dust/Jetting F Grundfos Blueflux : 0.70 EuP Standalone/Prod. 52.4 kg 59 kg	30/06/2017

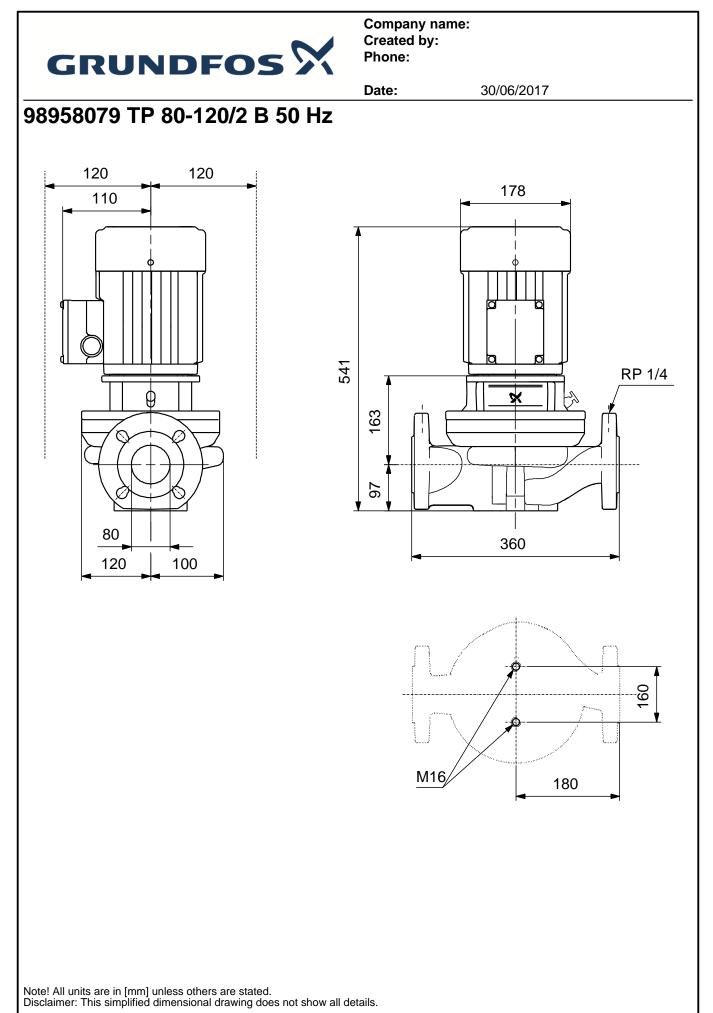




		н	TD 00 400/0 D 04400 M -011
Description	Value	[m]	TP 80-120/2 B, 3*400 V, 50Hz
General information:			
Product name:	TP 80-120/2 B AI-F-Z-BQQE		
Product No:	98958079	12 -	
EAN number:	5712604245460	11	
Technical:		10 -	
Speed for pump data:	2910 rpm	9-	
Rated flow:	42.5 m³/h	8-	
Rated head:	7.91 m		
Head max:	120 dm	7 -	
Primary shaft seal:	BQQE	6 -	
Curve tolerance:	ISO9906:2012 3B	5-	
Pump version:	AI		
Model:	A	4-	
		3-	
Materials:			
Pump housing:	Bronze	2	
	DIN WNr. 2.1050	1	
	ASTM B505-C90700	0	
Impeller:	Stainless steel	o 10	20 30 40 50 Q [m³/h]
	DIN WNr. 1.4301	P [kW]	
	AISI 304		
Material code:	Z	1.5 -	P1
Installation:			P2
Range of ambient temperature:	-30 60 °C	1.0	
Maximum operating pressure:	6 bar		
Flange standard:	DIN	0.5 -	
Connect code:	F		
Pipe connection:	DN 80		
Pressure stage:	PN 6	0.0	
Port-to-port length:	360 mm		
Flange size for motor:	FT115		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Liquid temperature during operation:	20 °C		
Density:	998.2 kg/m ³		
Electrical data:			
	0000		
Motor type:	90SB		
IE Efficiency class:	IE3		
Rated power - P2:	1.5 kW		
Power (P2) required by pump:	1.5 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y V		
Rated current:	5,45/3,15 A		
Starting current:	850-930 %		
Cos phi - power factor:	0,87-0,82		
Rated speed:	2890-2910 rpm		
Efficiency:	IE3 84,2%		
Motor efficiency at full load:	84.2 %		
Motor efficiency at 3/4 load:	84.5 %		
Motor efficiency at 1/2 load:	83.1 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		



		Date:	30/06/2017
Description	Value		
Motor protec:	NONE		
Motor No:	85U05906		
Others:			
_abel:	Grundfos Blueflux		
linimum efficiency index, MEI :	0.70		
rP status:	EuP Standalone/Prod.		
Net weight:	52.4 kg		
Gross weight:	59 kg		
Shipping volume:	0.16 m ³		





30/06/2017

Date:

98958079 TP 80-120/2 B 50 Hz

