

## Position Qty. Description



30/06/2017

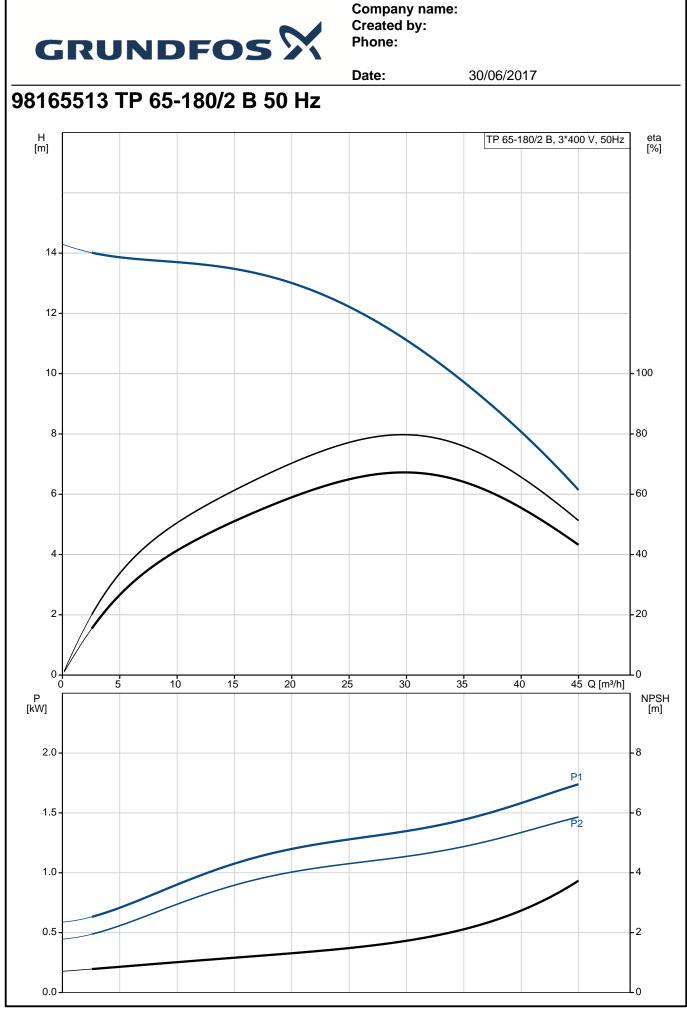
1	TP 65-180/2 B A-F-Z-BQQE	
	Product No.: 98165513	Note! Product picture may differ from actual product
	Single-stage, close-coupled, vol The pump is of the top-pull-out or removed for maintenance or ser	ute pump with in-line suction and discharge ports of identical diameter. design, i.e. the power head (motor, pump head and impeller) can be vice while the pump housing remains in the pipework.
	The pump is fitted with an unbal	anced rubber bellows seal. The shaft seal is according to EN 12756. /10 DIN flanges (EN 1092-2 and ISO 7005-2).
	<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> Speed for pump data: Rated flow: Rated head: Primary shaft seal: Curve tolerance:	2830 rpm 29 m <sup>3</sup> /h 11.4 m BQQE ISO9906:2012 3B
	<b>Materials:</b> 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 10 bar DIN DN 65 PN 6/10 340 mm FT115
	Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Pated voltage:	90SB IE3 1.5 kW 1.5 kW 50 Hz 3 x 220 240D/380 415X V

3 x 220-240D/380-415Y V

Rated voltage:



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osition	Qty.			
		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:	5,45/3,15 A 850-930 % 0,87-0,82 2890-2910 rpm IE3 84,2% 84.2 % 84.5 % 83.1 % 2	
		Enclosure class (IEC 34-5): Insulation class (IEC 85):	55 Dust/Jetting F	
		Others: Label: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume: Danish:	Grundfos Blueflux : 0.70 EuP Standalone/Prod. 47.6 kg 51.2 kg 0.07 m <sup>3</sup> VVS NO 38 1884.180	

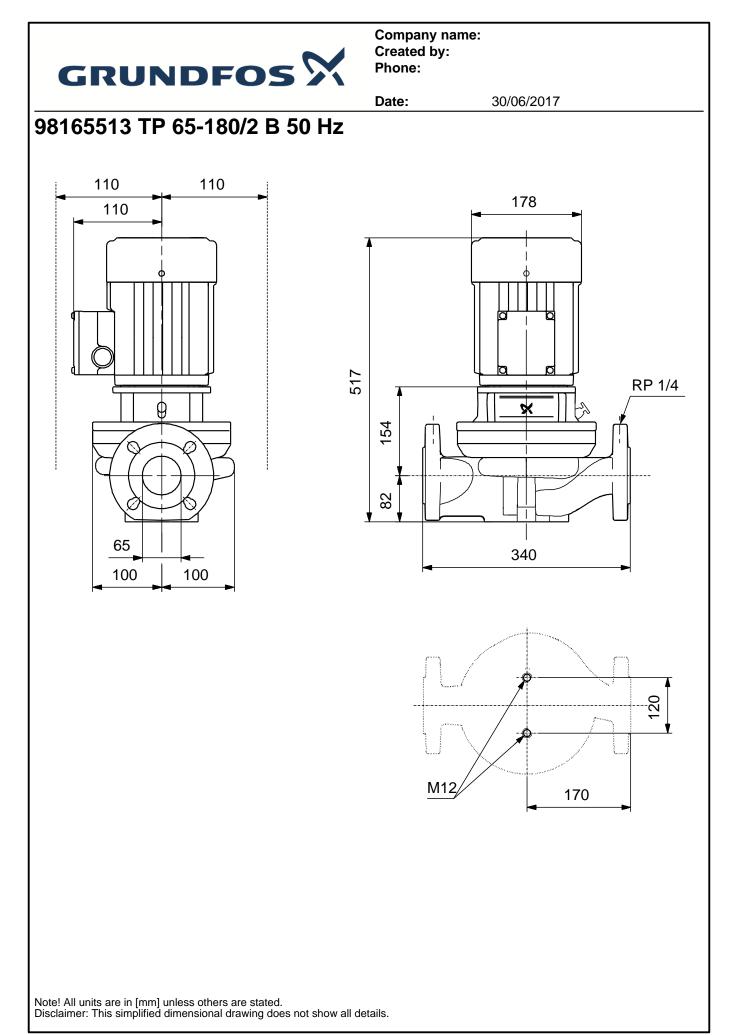




		Date:	30/00	/2017
Description	Value	H [m]		TP 65-180/2 B, 3*400 V, 50H
General information:		·		
Product name:	TP 65-180/2 B A-F-Z-BQQE			
Product No:	98165513	-		
EAN number:	5711490735352	14 -		
Fechnical:		12 -		
Speed for pump data:	2830 rpm	-		
Rated flow:	29 m³/h	10 -		
Rated head:	11.4 m			
Head max:	180 dm	-		
Primary shaft seal:	BQQE	8 -		
Curve tolerance:	ISO9906:2012 3B	-		
		6 -		
Pump version:	A	-		
Model:	A	4		
Materials:				
Pump housing:	Bronze	2-		
	DIN WNr. 2.1050			
	ASTM B505-C90700			
Impeller:	Stainless steel	0 <del>/</del> 0 5	10 15 20	25 30 35 40 Q [m <sup>3</sup> /
•	DIN WNr. 1.4301	Р		
	AISI 304	[kW]		
Material code:	Z	2.0 -		P1
nstallation:		1.5 -		P2
Range of ambient temperature:	-30 60 °C			
Maximum operating pressure:	10 bar	1.0 -		
Flange standard:	DIN			
Connect code:	F	0.5		
Pipe connection:	DN 65			
Pressure stage:	PN 6/10	0.0		
Port-to-port length:	340 mm			
Flange size for motor:	FT115			
Liquid:				
Pumped liquid:	Water			
Liquid temperature range:	-25 120 °C			
Liquid temperature during operation:				
Density:	998.2 kg/m <sup>3</sup>			
Electrical data:				
Motor type:	90SB			
E 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			
	55 Dust/Jetting			
Insulation class (IEC 85):	Г			



		Date:	30/06/2017
Description	Value		
Motor No:	85U05906		
Others:			
Label:	Grundfos Blueflux		
Minimum efficiency index, MEI :	0.70		
ErP status:	EuP Standalone/Prod.		
Net weight:	47.6 kg		
Gross weight:	51.2 kg		
Shipping volume:	0.07 m <sup>3</sup>		
Danish:	VVS NO 38 1884.180		





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Date:

98165513 TP 65-180/2 B 50 Hz

