

Inventflow: Grundfos A-partner

Grundfos TP 25-80/2 A-O-I-BQQE-BX1

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-25-80-2-a-o-i-bqqe-bx1>

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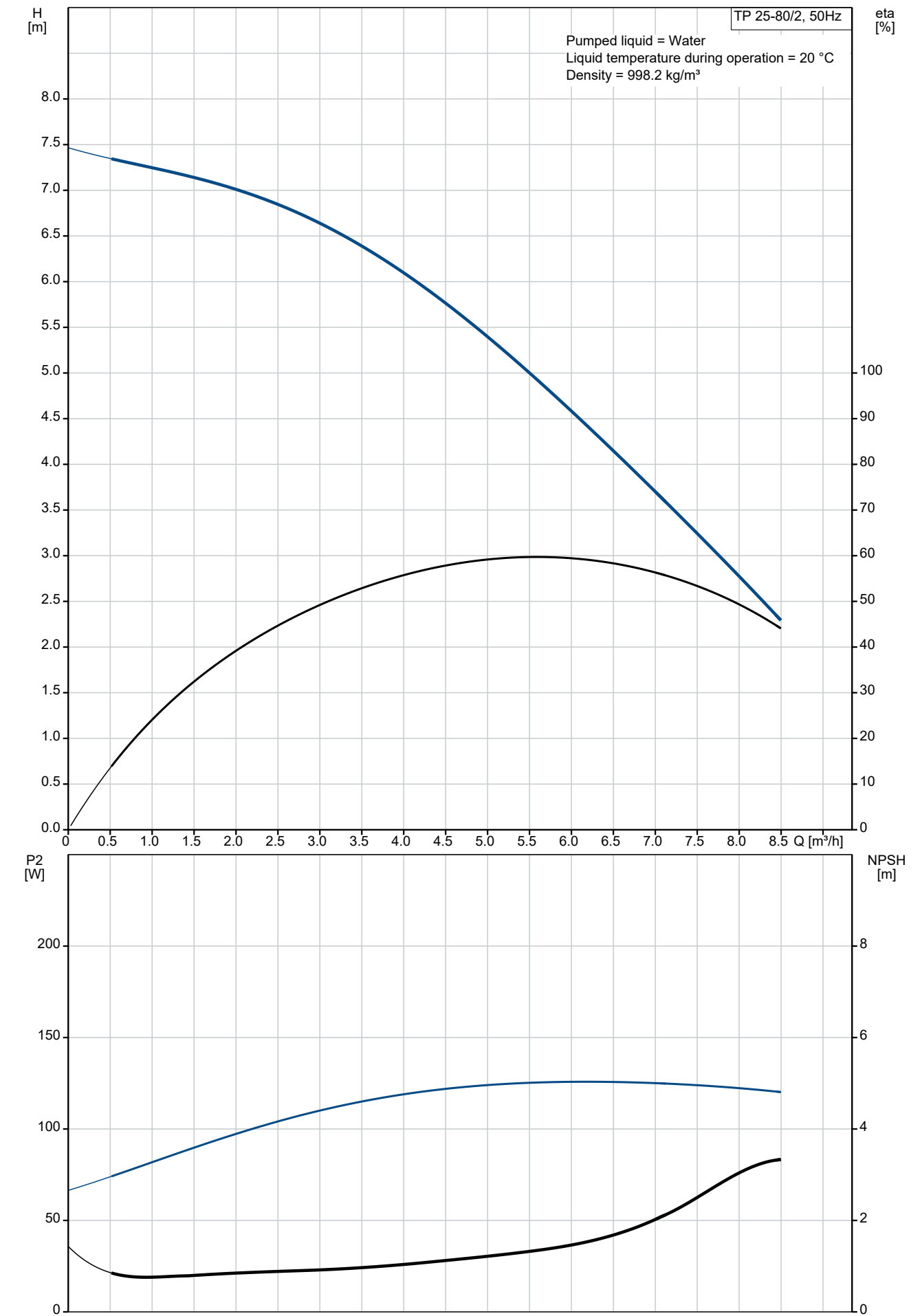
Datasheet



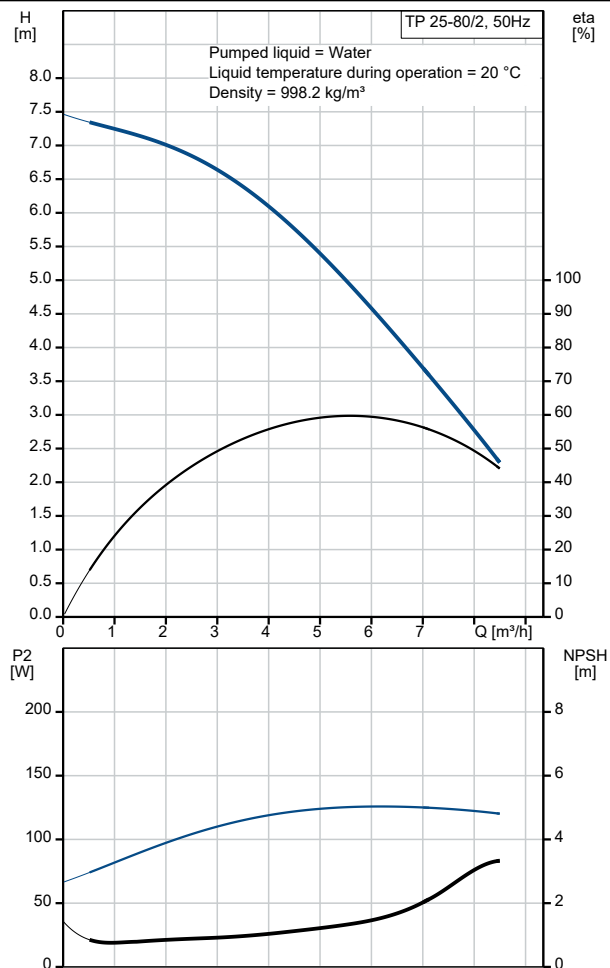
Qty.	Description
1	TP 25-80/2 A-O-I-BQQE-BX1  Note! Product picture may differ from actual product Product No.: 98282100 Single-stage centrifugal volute in-line single-head pump: - neck rings and impeller made of stainless steel - cataphoresis treatment - shell coupling - top-pull-out principle for easy maintenance - optimized hydraulics - in-line design with opposite suction and discharge ports enabling mounting in pipework or on a concrete foundation - corrosion resistant maintenance-free mechanical shaft seal. Phase: The motor is a 1-phase AC motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature range: -25 .. 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2820 rpm Rated flow: 6.32 m³/h Rated head: 4.04 m Actual impeller diameter: 80 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Materials: Pump housing: Stainless steel EN 1.4308 ASTM CF8 Impeller: Composite PES+30% GF Installation: Range of ambient temperature: -30 .. 40 °C

Qty.	Description
	Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar / 120 °C Type of connection: G Size of connection: DN 25 Pressure rating for connection: PN 10 Port-to-port length: 180 mm Flange size for motor: FT75 Electrical data: Motor type: 71A Rated power - P2: 0.18 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-240 V Rated current: 1.52-1.65 A Starting current: 520-525 % Cos phi - power factor: 0.85 Rated speed: 2875-2895 rpm Motor efficiency at full load: 62.8-59 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 98714252 Others: Minimum efficiency index, MEI ≥: 0.55 Net weight: 9.6 kg Gross weight: 11.6 kg Shipping volume: 0.04 m³ Danish VVS No.: 381873080 Country of origin: HU Custom tariff no.: 84137051

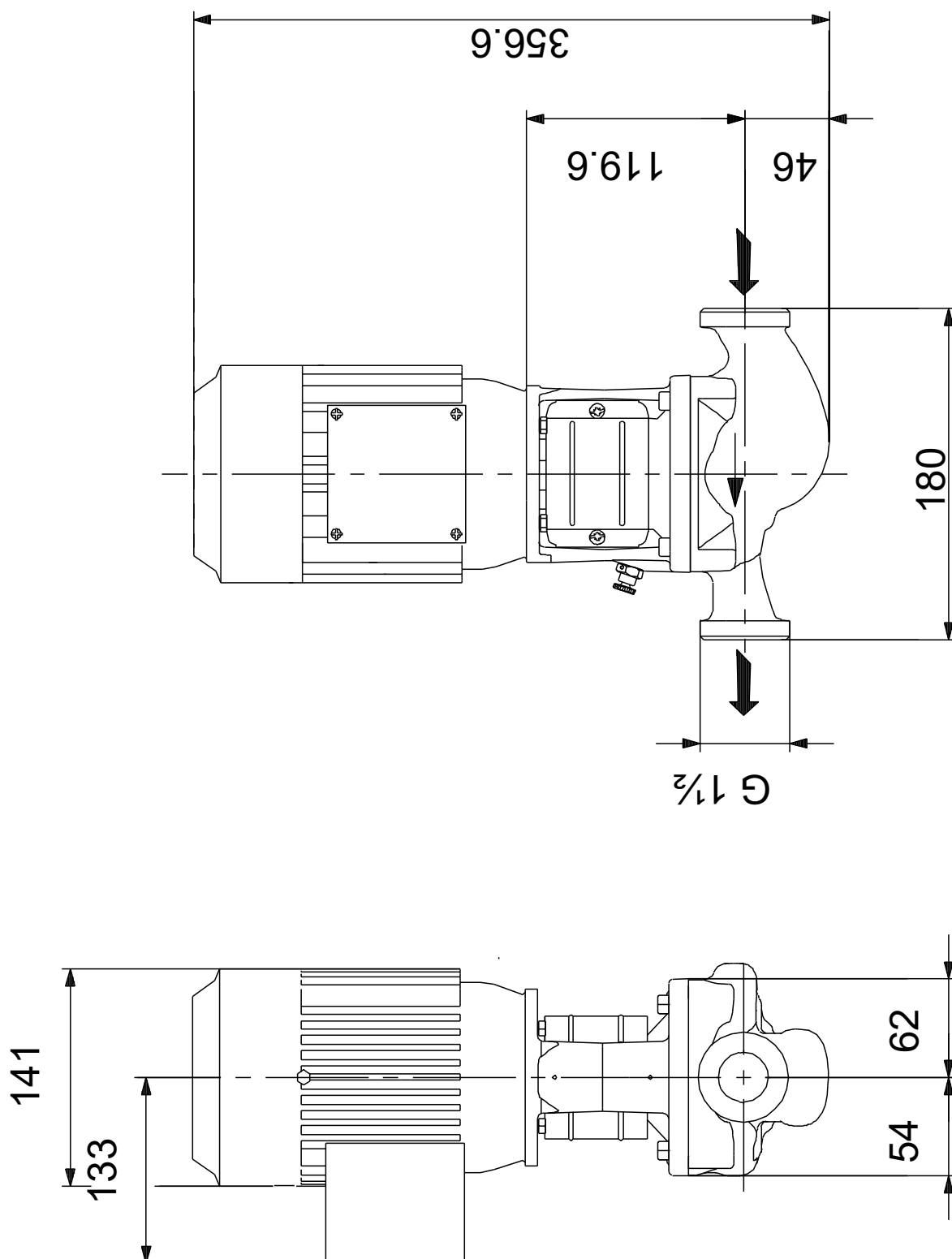
98282100 TP 25-80/2 A-O-I-BQQE-BX1 50 Hz



Description	Value
General information:	
Product name:	TP 25-80/2 A-O-I-BQQE-BX1
Product No:	98282100
EAN number:	5711492397299
Technical:	
Pump speed on which pump data are based:	2820 rpm
Rated flow:	6.32 m³/h
Rated head:	4.04 m
Maximum head:	80 dm
Actual impeller diameter:	80 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Stainless steel
Pump housing:	EN 1.4308
Pump housing:	ASTM CF8
Impeller:	Composite
Impeller:	PES+30% GF
Material code:	I
Installation:	
Range of ambient temperature:	-30 .. 40 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 120 °C
Type of connection:	G
Size of connection:	DN 25
Pressure rating for connection:	PN 10
Port-to-port length:	180 mm
Flange size for motor:	FT75
Connect code:	O
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	71A
Rated power - P2:	0.18 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-240 V
Rated current:	1.52-1.65 A
Starting current:	520-525 %
Cos phi - power factor:	0.85
Rated speed:	2875-2895 rpm
Motor efficiency at full load:	62.8-59 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	98714252
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.55
Net weight:	9.6 kg
Gross weight:	11.6 kg
Shipping volume:	0.04 m³
Danish VVS No.:	381873080
Country of origin:	HU
Custom tariff no.:	84137051



98282100 TP 25-80/2 A-O-I-BQQE-BX1 50 Hz



Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Spare parts TP 25-80/2, Product No. 98282100
Produced After 1546 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Kit, coupling			00495081	1	pcs
9	Hex socket head cap screw		Designation: DIN 912 Length (mm): 20 Thread: M6		4	
10a	Coupling half				2	
10	Shaft pin		Diameter: 5 Length (mm): 21,5		1	
-	Kit, shaft seal BQQE			98284950	1	pcs
	Plug				2	
72a	O-ring		Diameter: 102 Material type: EPDM Thickness: 4		1	
105	Shaft seal				1	
-	Kit, wear parts			98284939	1	pcs
-	Shaft w/impeller cpl.				1	
-	Shaft w/impeller cpl.				1	
49b	Split cone					
49	Impeller cpl.					
51	Pump shaft					
32	Washer		Designation: DIN 125 A2 Internal diameter: 13 Outer diameter: 24 Thickness: 2,5		1	
9	Hex socket head cap screw		Designation: DIN 912 Length (mm): 20 Thread: M6		4	
10	Shaft pin		Diameter: 5 Length (mm): 21,5		1	
	Motor			99333923	1	pcs
+ 1a	Motor stool cpl.			98993604	1	pcs
7a	Pan head screw			96536492	4	pcs
7	Coupling guard			96591354	2	pcs
18	Plug			96620482	1	pcs
18	Plug			98164277	1	pcs
32	Washer		Designation: DIN 125 A2 Internal diameter: 13 Outer diameter: 24 Thickness: 2,5	99944263	1	pcs
- 50	Pump housing cpl.			98993598	1	pcs
45	Seal ring			99547517	1	
72a	Gasket		Internal diameter: 97 MM Outer diameter: 77.5 Thickness: 2 MM	98163014	1	pcs