

Inventflow: Grundfos A-partner

Grundfos TP 80-30/4 A-F-A-BQQE-DX3

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-80-30-4-a-f-a-bqqe-dx3>

Contact

info@inventflow.nl

+31 (0) 546 45 80 72

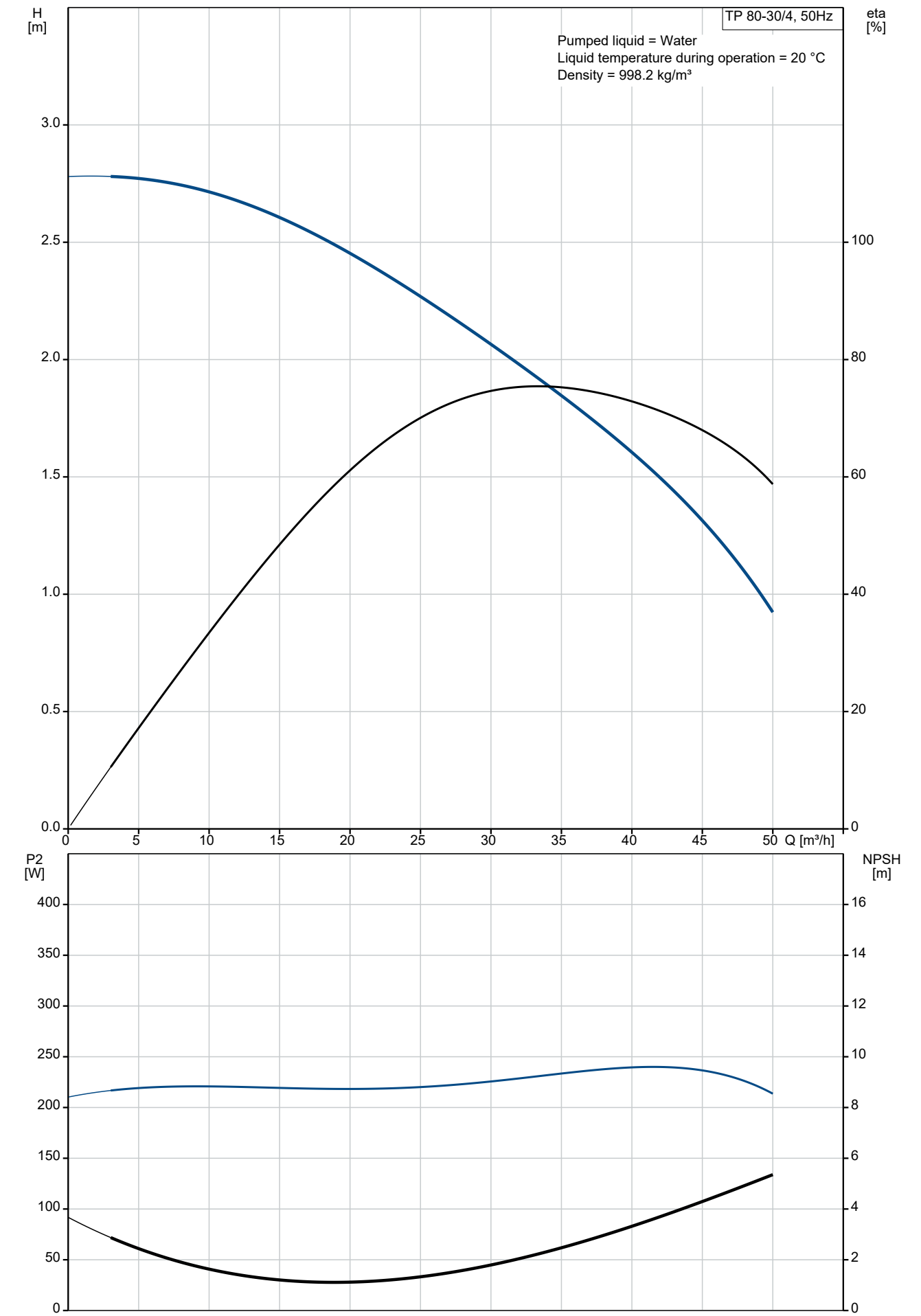
Datasheet



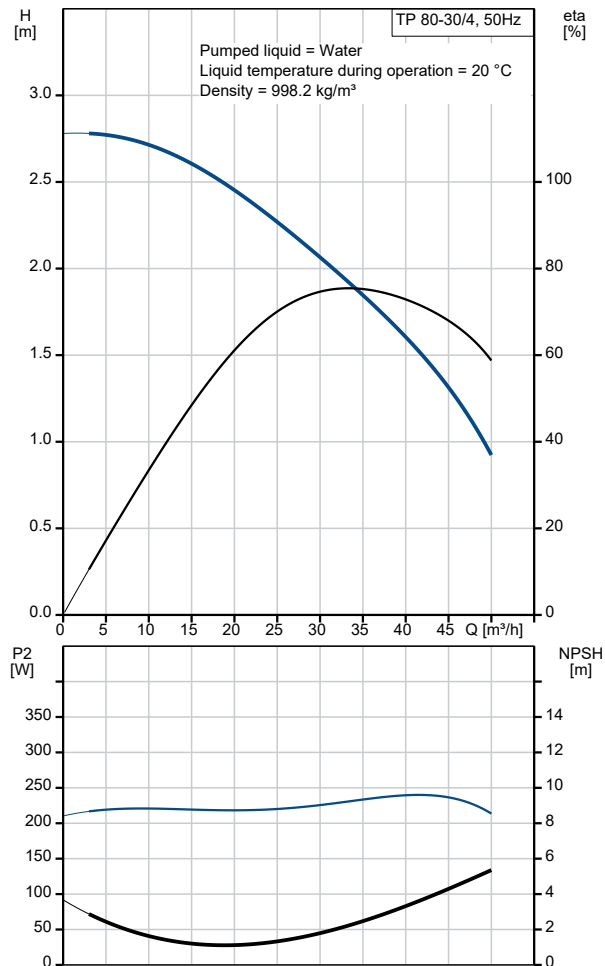
Qty.	Description
1	TP 80-30/4 A-F-A-BQQE-DX3  Note! Product picture may differ from actual product Product No.: 98958008 Single-stage centrifugal volute in-line single-head pump: - neck rings and impeller made of stainless steel - cataphoresis treatment - shell coupling - top-pull-out principle for easy 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: 1400 rpm Rated flow: 34.9 m³/h Rated head: 1.85 m Actual impeller diameter: 104 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Materials: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Impeller: Stainless steel EN 1.4301 AISI 304 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: DIN Size of connection: DN 80

Qty.	Description
	Pressure rating for connection: PN 10 Port-to-port length: 360 mm Flange size for motor: FT100 Electrical data: Motor type: 80A Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230 V Rated current: 2.85 A Starting current: 240 % Cos phi - power factor: 0.97 Rated speed: 1350-1370 rpm Motor efficiency at full load: 62-60 % Number of poles: 4 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 86215102 Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 43.6 kg Gross weight: 52.2 kg Shipping volume: 0.2 m ³ Country of origin: HU Custom tariff no.: 84137051

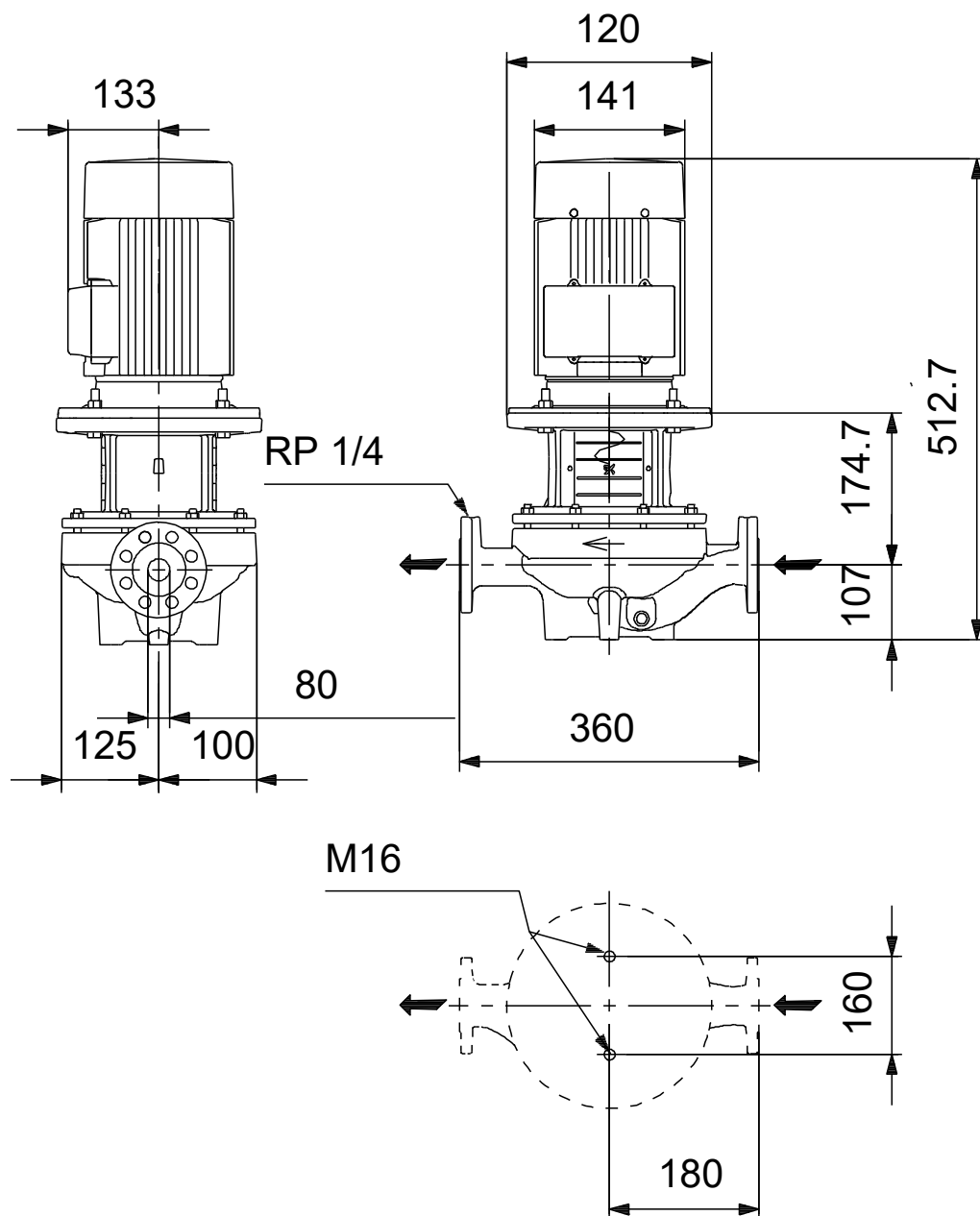
98958008 TP 80-30/4 A-F-A-BQQE-DX3 50 Hz



Description	Value
General information:	
Product name:	TP 80-30/4 A-F-A-BQQE-DX3
Product No:	98958008
EAN number:	5712604244753
Technical:	
Pump speed on which pump data are based:	1400 rpm
Rated flow:	34.9 m³/h
Rated head:	1.85 m
Maximum head:	30 dm
Actual impeller diameter:	104 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
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:	DIN
Size of connection:	DN 80
Pressure rating for connection:	PN 10
Port-to-port length:	360 mm
Flange size for motor:	FT100
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	80A
Rated power - P2:	0.37 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230 V
Rated current:	2.85 A
Starting current:	240 %
Cos phi - power factor:	0.97
Rated speed:	1350-1370 rpm
Motor efficiency at full load:	62-60 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	86215102
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	43.6 kg
Gross weight:	52.2 kg
Shipping volume:	0.2 m³
Country of origin:	HU
Custom tariff no.:	84137051



98958008 TP 80-30/4 A-F-A-BQQE-DX3 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 80-30/4, Product No. 98958008
Produced After 1026 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Kit, coupling		Dimension: 19/16	00339119	1	pcs
9	Hex socket head cap screw		Designation: DIN 912		4	
			Length (mm): 20			
			Thread: M6			
10a	Coupling half				2	
10	Shaft pin		Diameter: 5		1	
			Length (mm): 26			
-	Kit, shaft seal			98313337	1	pcs
	Plug				2	
72a	O-ring		Diameter: 154		1	
			Material type: EPDM			
			Thickness: 4			
72a	O-ring				1	
105	Shaft seal				1	
-	Shaft w/impeller cpl.			98313245	1	pcs
49b	Split cone nut			96547794	1	
49b	Split cone			96547795	1	
49	Impeller			96547859	1	
51	Shaft			96547791	1	
-	Pump housing cpl.			98313191	1	pcs
45	Neck ring			96591222	1	
-	Motor			86900255	1	pcs
-	Kit, Ball bearing			96279730	1	
111	Ball bearing		Designation: 6204.2Z.C3.SYN		1	
111	Ball bearing				1	
157	O-ring		Diameter: 32		1	
			Material type: NBR			
			Thickness: 2			
158	Waved washer				1	
-	Kit, capacitor			96279732	1	
161	Capacitor				1	
-	Kit, fan			96279740	1	
156	Fan				1	
159a	Seal ring				1	
-	Kit, fan cover			96279720	1	
151	Fan cover				1	
152	Pan head thread forming screw				2	
-	Kit, flange			96279854	1	
156b	Flange				1	
159c	Seal ring				1	
184	Gasket		Internal diameter: 114,80		1	
			Outer diameter: 121,20			
			Thickness: 0,25			
185	Pan head screw				4	
186	Drain plug				1	
-	Kit, shaft seal			96279722	1	
159c	Seal ring				1	
159a	Seal ring				1	
-	Kit, terminal box			96279725	1	
152	Pan head thread forming screw				4	
164a	Terminal box w/gasket				1	
164	Terminal box cover w/gasket				1	
166	Pan head screw				4	

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
173a	Washer		Designation: SQUARE		1	
			Internal diameter: 5,5			
			Outer diameter: 10X10			
			Thickness: 1,5			
173a	Base				1	
173	Pan head thread forming screw		Designation: COMBI TORX T25		1	
173	Pan head screw		Designation: DIN 7985		1	
175	Pan head screw		Designation: DIN 7985		4	
176	Terminal cpl.				1	
2	Motor stool			98679966	1	pcs
7a	Pan head screw			96536492	4	pcs
7	Coupling guard			96590452	2	pcs
10	Shaft pin		Diameter: 5	96536473	1	pcs
			Length (mm): 26			
10	Shaft pin		Diameter: 5	96587588	1	pcs
			Length (mm): 26			
18	Air vent screw		Thread: 1/4"	98164273	1	pcs
19	Plug			98163028	2	pcs
26	Hex head screw		Length (mm): 25	97506945	8	pcs
			Thread: M10			
72a	O-ring		Diameter: 154	98163015	1	pcs
			Material type: EPDM			
			Thickness: 4			