

Inventflow: Grundfos A-partner

Grundfos TP 80-700/2 A-F-A-BQQE-RX1

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-80-700-2-a-f-a-bqqe-rx1>

Contact

info@inventflow.nl

+31 (0) 546 45 80 72

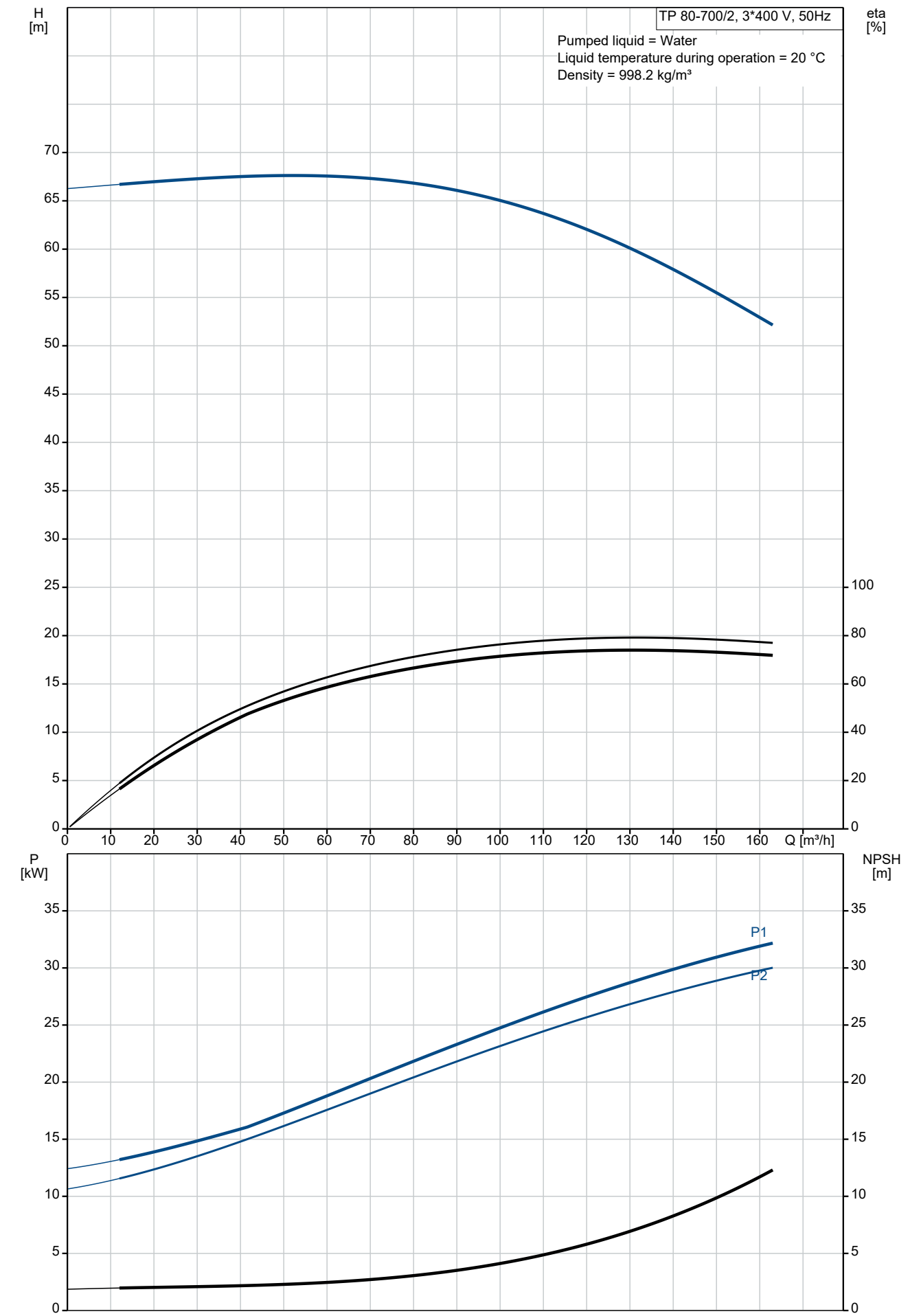
Datasheet



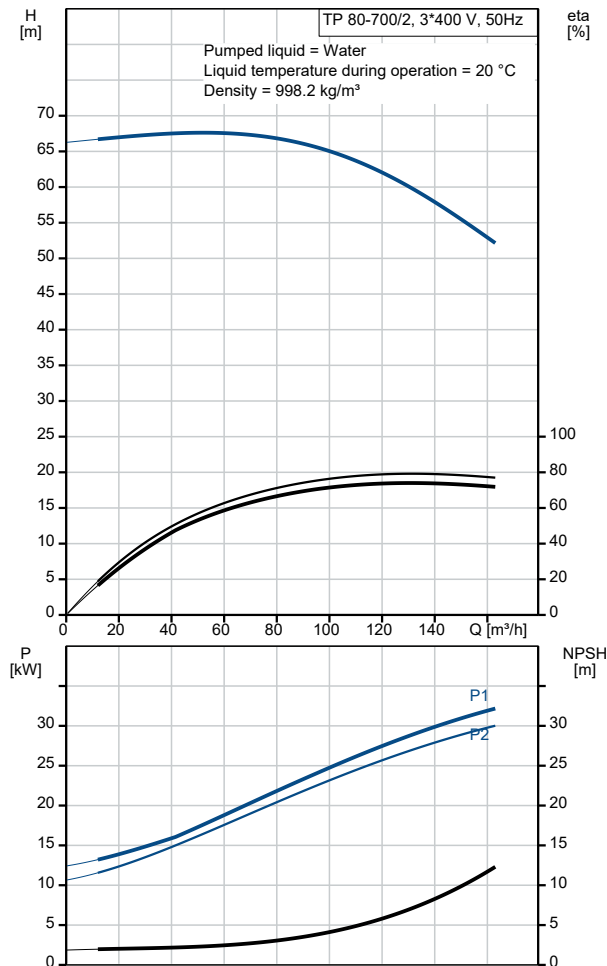
Qty.	Description
1	TP 80-700/2 A-F-A-BQQE-RX1  Note! Product picture may differ from actual product Product No.: 96108726 Single-stage centrifugal volute in-line single-head pump: - wear rings made of bronze - cataphoresis treatment - stable sleeve coupling - top-pull-out principle for easy maintenance - 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 3-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: 2950 rpm Rated flow: 132 m³/h Rated head: 59.7 m Actual impeller diameter: 219 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Cast iron EN-GJL-250 ASTM class 35 Impeller: Cast iron EN-GJL-200 ASTM class 30 Installation: Range of ambient temperature: -20 .. 55 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C Type of connection: DIN

Qty.	Description
	Size of connection: DN 80 Pressure rating for connection: PN 16 Port-to-port length: 500 mm Flange size for motor: FF350 Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 30 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 56,0-51,0/32,0-29,5 A Starting current: 660-660 % Cos phi - power factor: 0.86 Rated speed: 2955 rpm Efficiency: IE3 93,3% Motor efficiency at full load: 93.3-93.3 % Motor efficiency at 3/4 load: 93.6-93.6 % Motor efficiency at 1/2 load: 93.4-93.4 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99032179 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 304 kg Gross weight: 341 kg Shipping volume: 0.56 m ³ Danish VVS No.: 381705700 Finnish LVI No.: 4616110 Country of origin: HU Custom tariff no.: 84137051

96108726 TP 80-700/2 A-F-A-BQQE-RX1 50 Hz

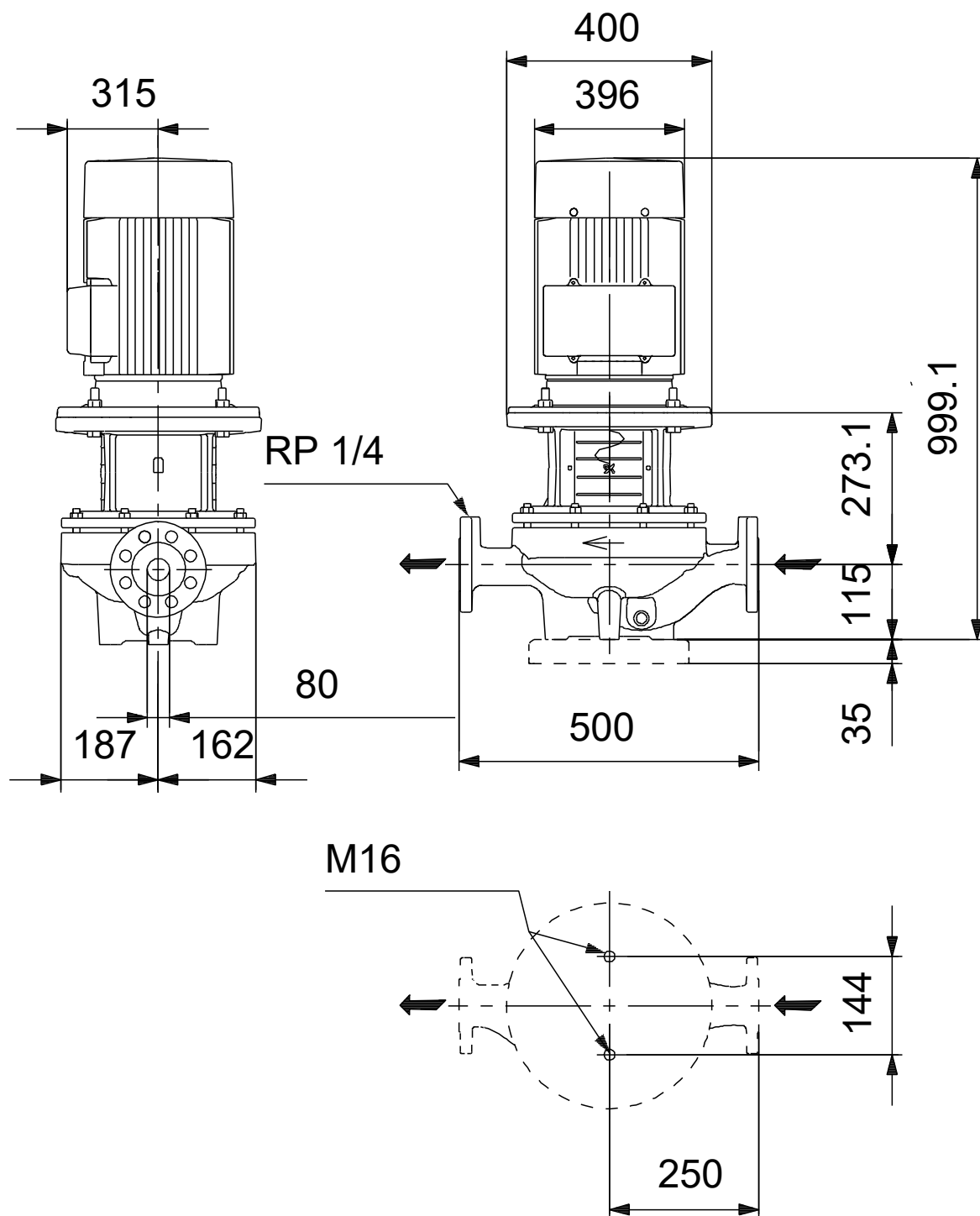


Description	Value
General information:	
Product name:	TP 80-700/2 A-F-A-BQQE-RX1
Product No:	96108726
EAN number:	5700396976921
Technical:	
Pump speed on which pump data are based:	2950 rpm
Rated flow:	132 m³/h
Rated head:	59.7 m
Maximum head:	700 dm
Actual impeller diameter:	219 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Cast iron
Impeller:	EN-GJL-200
Impeller:	ASTM class 30
Material code:	A
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Type of connection:	DIN
Size of connection:	DN 80
Pressure rating for connection:	PN 16
Port-to-port length:	500 mm
Flange size for motor:	FF350
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:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	30 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	56,0-51,0/32,0-29,5 A
Starting current:	660-660 %
Cos phi - power factor:	0.86
Rated speed:	2955 rpm
Efficiency:	IE3 93,3%
Motor efficiency at full load:	93.3-93.3 %
Motor efficiency at 3/4 load:	93.6-93.6 %
Motor efficiency at 1/2 load:	93.4-93.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	99032179
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	304 kg
Gross weight:	341 kg
Shipping volume:	0.56 m³



Description	Value
Danish VVS No.:	381705700
Finnish LVI No.:	4616110
Country of origin:	HU
Custom tariff no.:	84137051

96108726 TP 80-700/2 A-F-A-BQQE-RX1 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 80-700/2, Product No. 96108726
Produced After 1623 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Kit, Base plate			00485031	1	pcs
28g	Hex head screw				2	
56	Base plate				1	
	Motor				1	pcs
19	Plug			98163028	2	pcs
49	Impeller			96591296	1	pcs
- 50	Pump housing cpl.			98892155	1	pcs
36	Nut	Thread: M10		96620484	8	
56	Base plate			96590430	1	pcs
67	Nut	Thread: M14		92526531	1	pcs
72.a	O-ring	Diameter: 221,84		92547617	1	pcs
		Material type: EPDM				
		Thickness: 3,53				
72.a	O-ring	Diameter: 221,84		97511825	1	pcs
		Material type: EPDM				
		Thickness: 3,53				
72.a	O-ring	Diameter: 221,84		97757671	1	pcs
		Material type: EPDM				
		Thickness: 3,53				
77a	Pan head screw			99266550	4	pcs
105	Shaft seal			99380916	1	pcs
105	Shaft seal			99884645	1	pcs