

Inventflow: Grundfos A-partner

Grundfos TP 150-660/4 A-F-A-BQQE-VX3

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-150-660-4-a-f-a-bqqe-vx3>

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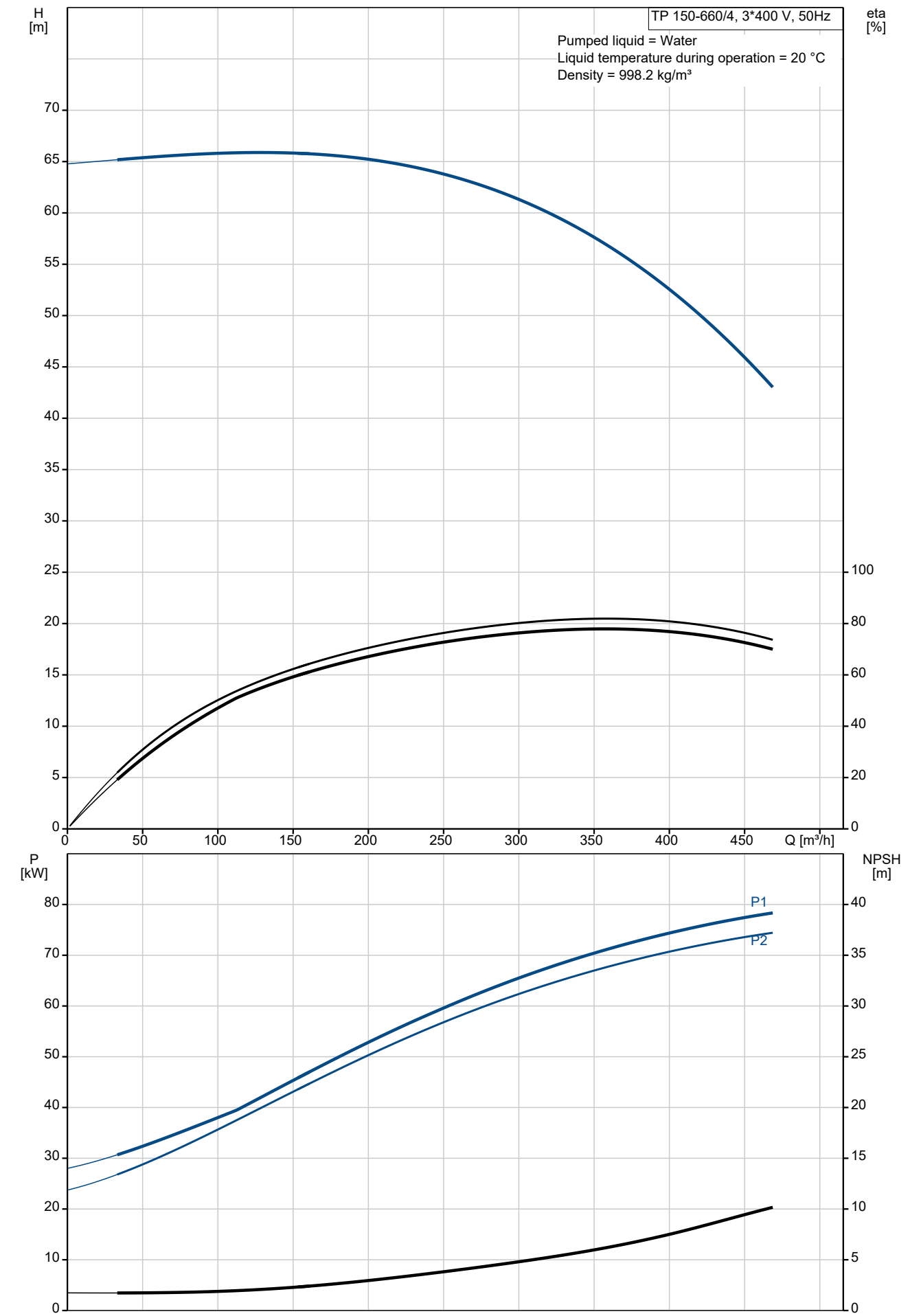
Datasheet



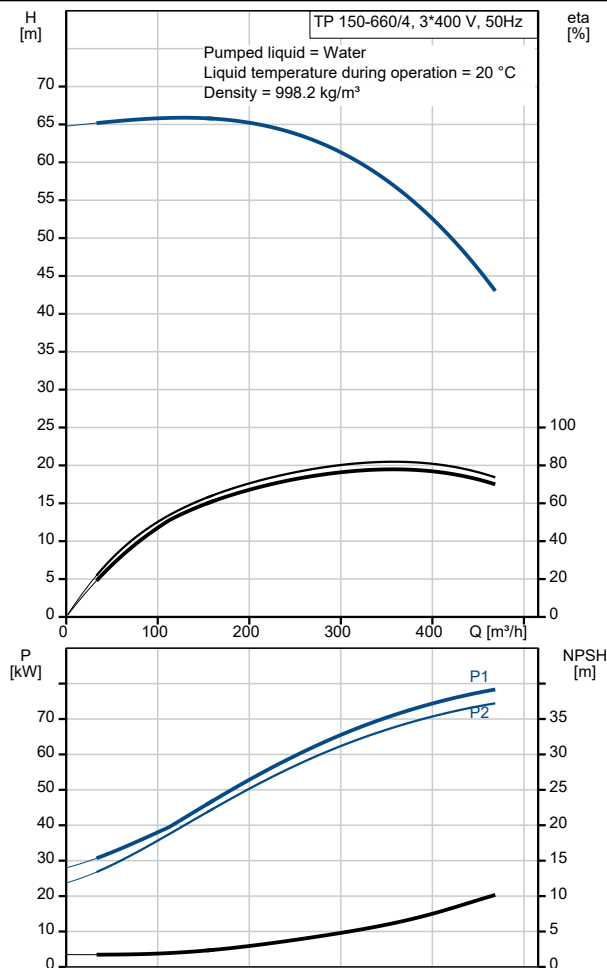
Qty.	Description
1	TP 150-660/4 A-F-A-BQQE-VX3  Note! Product picture may differ from actual product Product No.: 97927147 Single-stage centrifugal volute in-line single-head pump: - wear rings made of bronze - cataphoresis treatment - stable sleeve coupling - top-pull-out principle for easy maintenance - 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: 1485 rpm Rated flow: 361 m³/h Rated head: 57 m Actual impeller diameter: 432 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 150 Pressure rating for connection: PN 16 Port-to-port length: 1000 mm Flange size for motor: FF500 Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 75 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 140-130/80,0-74,0 A Starting current: 690-690 % Cos phi - power factor: 0.86 Rated speed: 1485 rpm Efficiency: IE3 95,0% Motor efficiency at full load: 95.0-95.0 % Motor efficiency at 3/4 load: 95.3-95.3 % Motor efficiency at 1/2 load: 95.0-95.0 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 83V15240 Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 707 kg Gross weight: 751 kg Shipping volume: 1.76 m³ Danish VVS No.: 381718660 Finnish LVI No.: 4616162 Country of origin: HU Custom tariff no.: 84137051

97927147 TP 150-660/4 A-F-A-BQQE-VX3 50 Hz

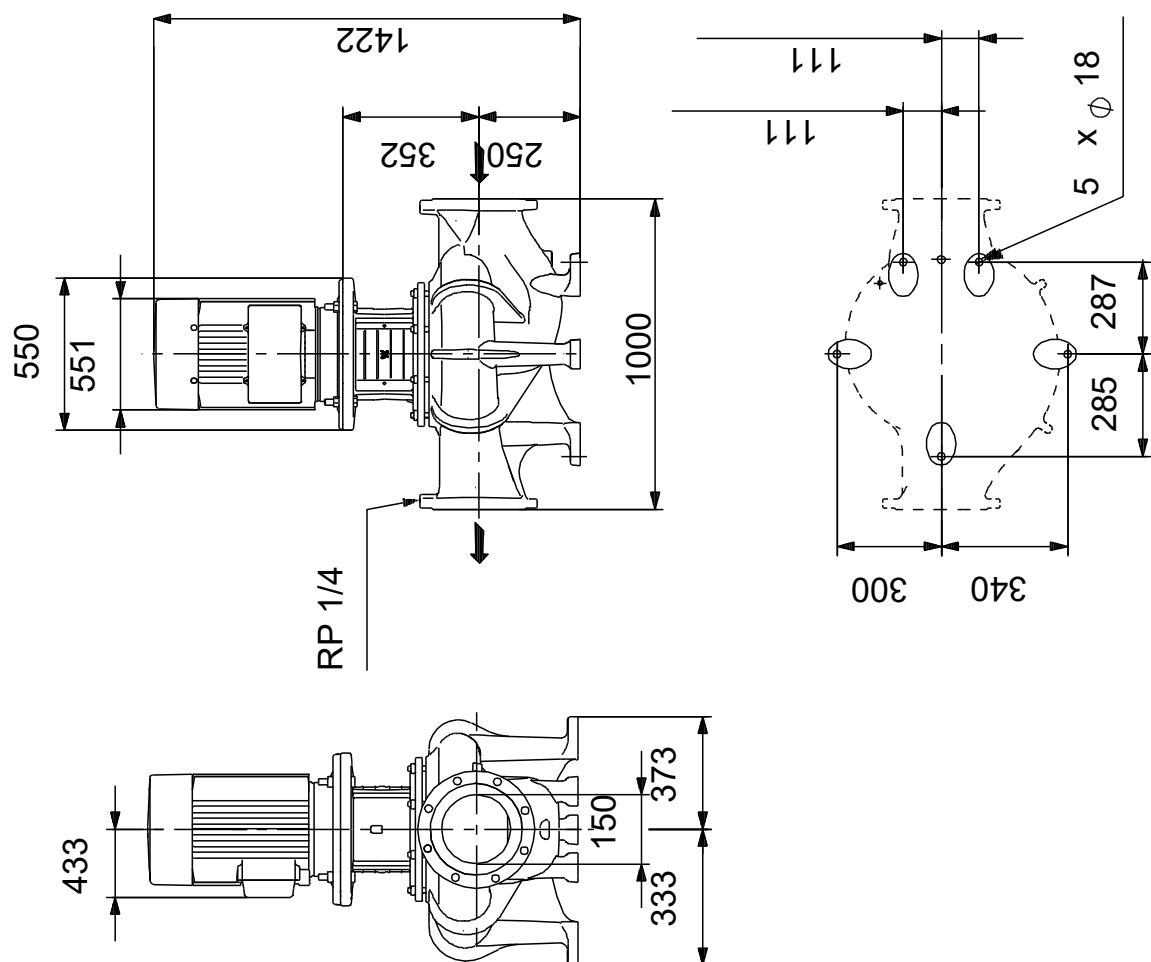


Description	Value
General information:	
Product name:	TP 150-660/4 A-F-A-BQQE-VX3
Product No:	97927147
EAN number:	5710626546701
Technical:	
Pump speed on which pump data are based:	1485 rpm
Rated flow:	361 m³/h
Rated head:	57 m
Maximum head:	660 dm
Actual impeller diameter:	432 mm
Code for shaft seal:	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 150
Pressure rating for connection:	PN 16
Port-to-port length:	1000 mm
Flange size for motor:	FF500
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:	75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	140-130/80,0-74,0 A
Starting current:	690-690 %
Cos phi - power factor:	0.86
Rated speed:	1485 rpm
Efficiency:	IE3 95,0%
Motor efficiency at full load:	95.0-95.0 %
Motor efficiency at 3/4 load:	95.3-95.3 %
Motor efficiency at 1/2 load:	95.0-95.0 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	83V15240
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	707 kg
Gross weight:	751 kg
Shipping volume:	1.76 m³



Description	Value
Danish VVS No.:	381718660
Finnish LVI No.:	4616162
Country of origin:	HU
Custom tariff no.:	84137051

97927147 TP 150-660/4 A-F-A-BQQE-VX3 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 150-660/4, Product No. 97927147
Produced After 1212 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Motor				1	pcs
151	Kit, fan cover			99018554	1	
	Kit, lubrication nipple			98360052	1	
176	Kit, terminal board			98062239	1	
164a	Kit, terminal box			98062264	1	
156	Spare, motor fan			96867800	1	
19	Plug			98163028	2	pcs
36	Nut	Thread: M12		96620479	16	pcs
49	Impeller			99024008	1	pcs
67	Nut	Thread: M25		92526532	1	pcs
72a	O-ring	Diameter: 66		92547638	1	pcs
		Material type: RUBBER				
		Thickness: 3,53				
72a	O-ring	Diameter: 66		92526512	1	pcs
		Material type: RUBBER				
		Thickness: 3,53				
72a	O-ring	Diameter: 66		97511857	1	pcs
		Material type: RUBBER				
		Thickness: 3,53				
72a	O-ring	Diameter: 66		97757676	1	pcs
		Material type: RUBBER				
		Thickness: 3,53				
77a	Pan head screw			99266550	4	pcs
105	Shaft seal			92514334	1	pcs
105	Shaft seal			98434909	1	pcs