

Inventflow: Grundfos A-partner

Grundfos TP 125-60/6 A-F-A-BQQE-HX5

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-125-60-6-a-f-a-bqqe-hx5>

Contact

info@inventflow.nl

+31 (0) 546 45 80 72

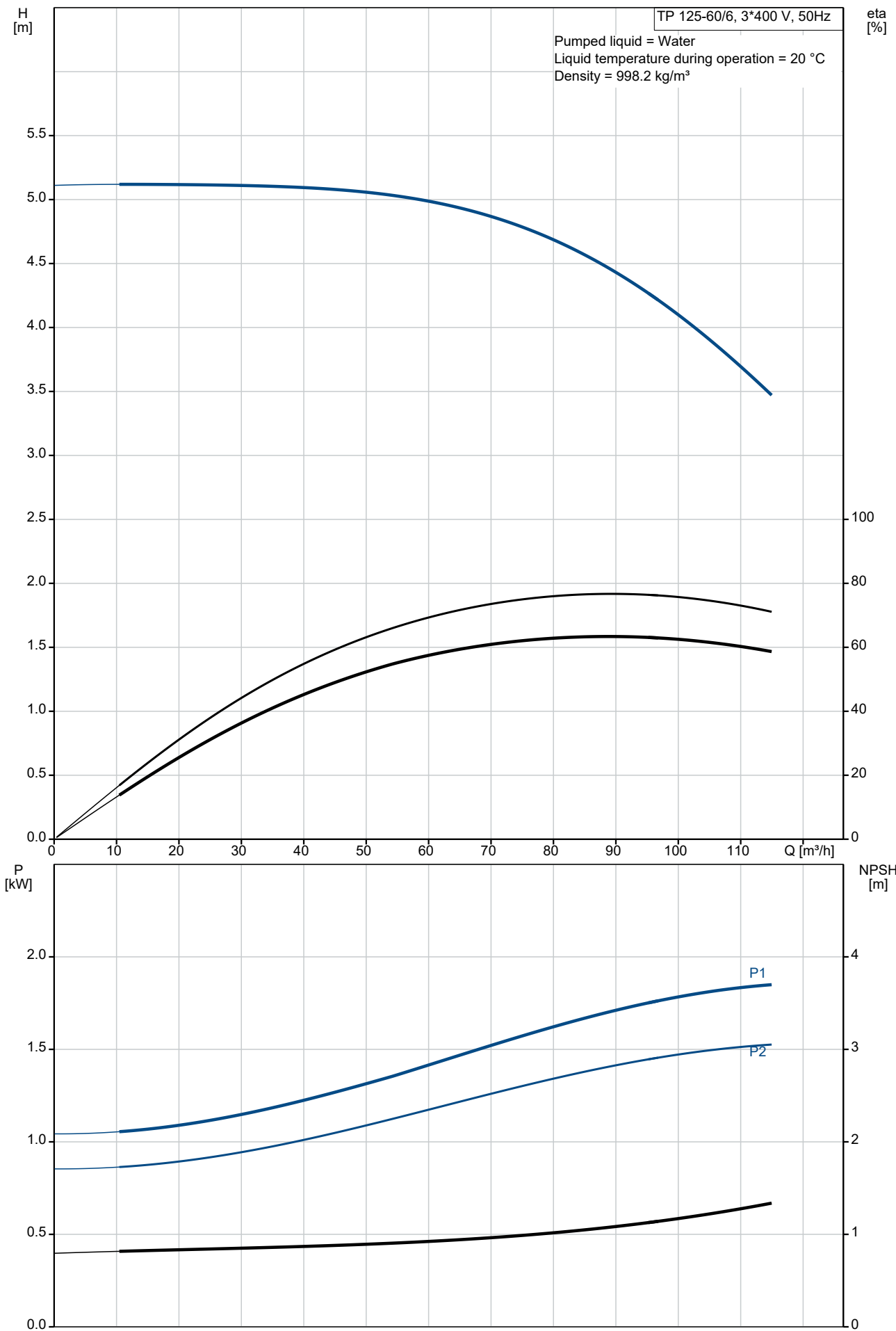
Datasheet



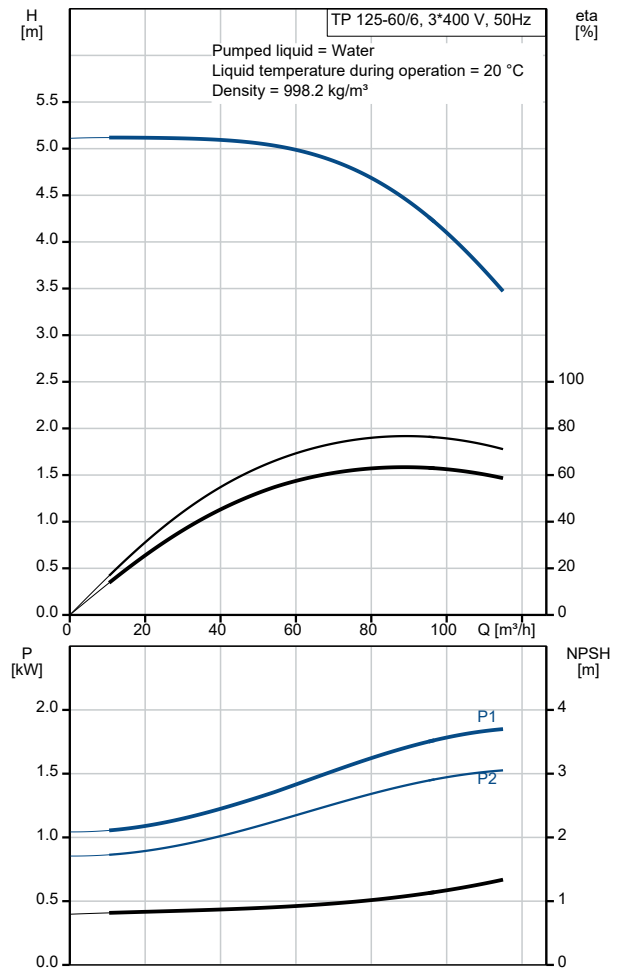
Qty.	Description
1	TP 125-60/6 A-F-A-BQQE-HX5  Note! Product picture may differ from actual product Product No.: 96109647 Single-stage centrifugal volute in-line single-head pump: - wear rings made of bronze - cathaphoresis treatment - stable sleeve coupling - top-pull-out principle for easy maintenance - 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: 970 rpm Rated flow: 90 m³/h Rated head: 4.34 m Actual impeller diameter: 192 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 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

Qty.	Description
	Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C Type of connection: DIN Size of connection: DN 125 Pressure rating for connection: PN 16 Port-to-port length: 620 mm Flange size for motor: FF215 Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 6,60-5,90/3,80-3,40 A Starting current: 560-560 % Cos phi - power factor: 0.7 Rated speed: 970 rpm Efficiency: IE3 82,5% Motor efficiency at full load: 82.5-82.5 % Motor efficiency at 3/4 load: 83.0-83.0 % Motor efficiency at 1/2 load: 81.4-81.4 % Number of poles: 6 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 83W02206 Others: Minimum efficiency index, MEI ≥: 0.62 Net weight: 160 kg Gross weight: 197 kg Shipping volume: 0.74 m³ Danish VVS No.: 381727060 Finnish LVI No.: 4616132 Country of origin: HU Custom tariff no.: 84137051

96109647 TP 125-60/6 A-F-A-BQQE-HX5 50 Hz

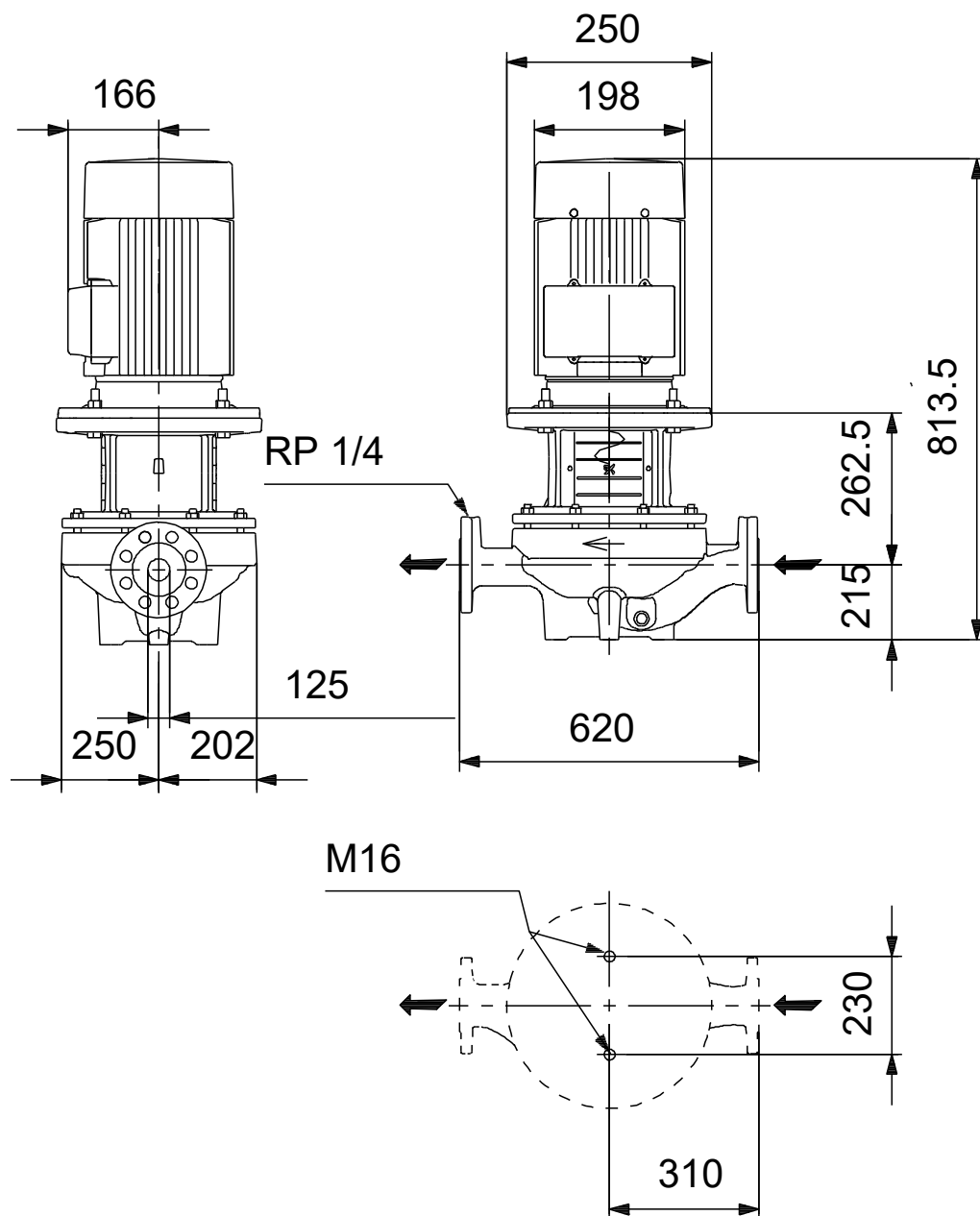


Description	Value
General information:	
Product name:	TP 125-60/6 A-F-A-BQQE-HX5
Product No:	96109647
EAN number:	5700396986319
Technical:	
Pump speed on which pump data are based:	970 rpm
Rated flow:	90 m³/h
Rated head:	4.34 m
Maximum head:	60 dm
Actual impeller diameter:	192 mm
Code for shaft seal:	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:	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 125
Pressure rating for connection:	PN 16
Port-to-port length:	620 mm
Flange size for motor:	FF215
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:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	6,60-5,90/3,80-3,40 A
Starting current:	560-560 %
Cos phi - power factor:	0.7
Rated speed:	970 rpm
Efficiency:	IE3 82,5%
Motor efficiency at full load:	82.5-82.5 %
Motor efficiency at 3/4 load:	83.0-83.0 %
Motor efficiency at 1/2 load:	81.4-81.4 %
Number of poles:	6
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	83W02206
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.62
Net weight:	160 kg
Gross weight:	197 kg
Shipping volume:	0.74 m³



Description	Value
Danish VVS No.:	381727060
Finnish LVI No.:	4616132
Country of origin:	HU
Custom tariff no.:	84137051

96109647 TP 125-60/6 A-F-A-BQQE-HX5 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 125-60/6, Product No. 96109647
Produced After 1351 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Motor			99759459	1	pcs
156	Kit, fan			98505718	1	
151	Spare, motor fan cover			98505774	1	
176	Spare, Terminal board			98505508	1	
164a	Spare, Terminal box			98505698	1	
19	Plug			98163028	2	pcs
49	Impeller			98296654	1	pcs
- 50	Pump housing cpl.			98929458	1	pcs
36	Nut		Thread: M10	96620484	8	
67	Nut		Thread: M18	92526535	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
105b	Spacer			96591277	1	pcs
105	Shaft seal			92514302	1	pcs
105	Shaft seal			98434906	1	pcs