

Inventflow: Grundfos A-partner

Grundfos TP 200-660/4 A-F-A-BQQE-2X3

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-200-660-4-a-f-a-bqqe-2x3>

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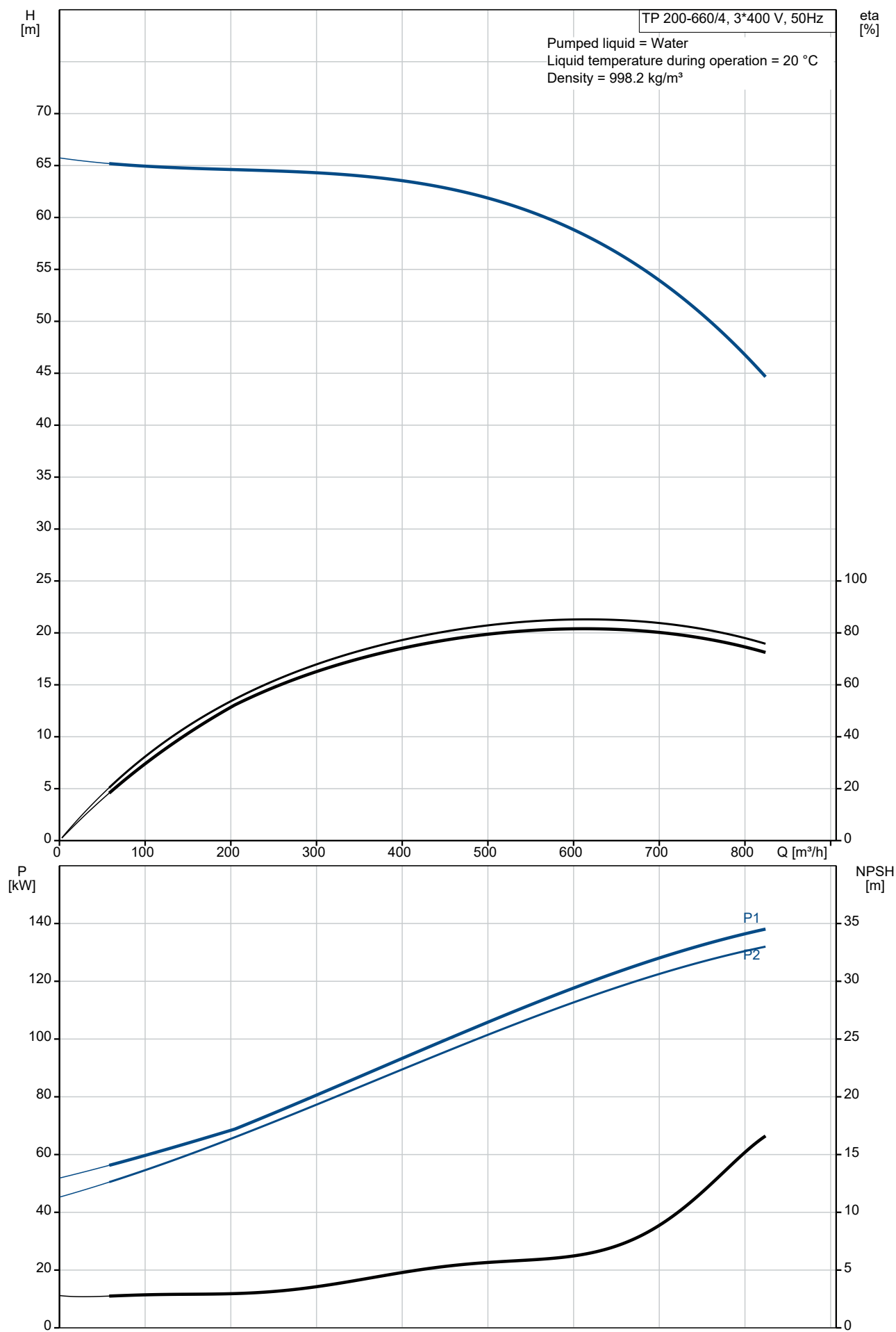
Datasheet



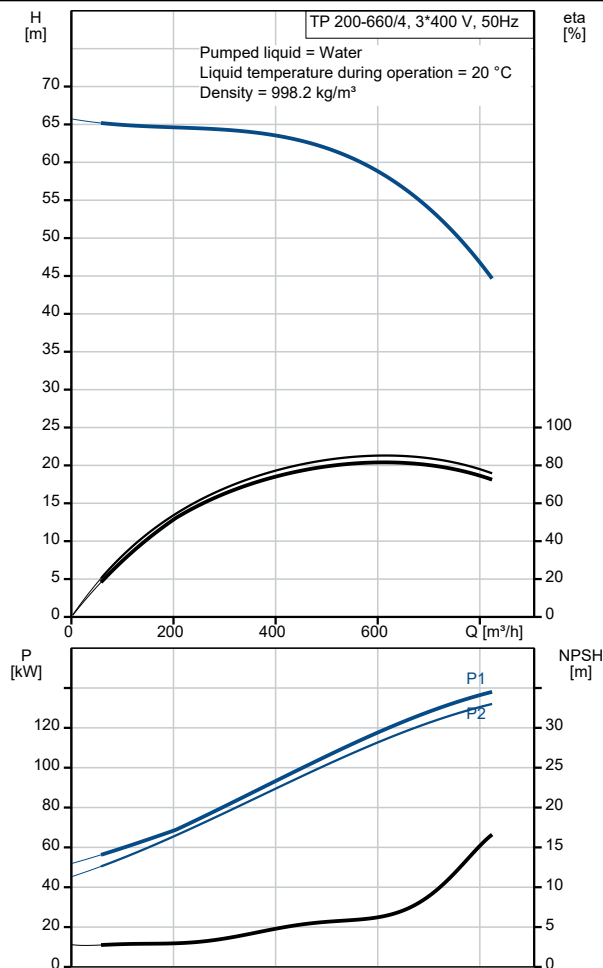
Qty.	Description
1	TP 200-660/4 A-F-A-BQQE-2X3  Note! Product picture may differ from actual product Product No.: 96306164 Single-stage centrifugal volute in-line single-head pump: - wear rings made of bronze - cataphoresis treatment - stable sleeve coupling - top-pull-out principle for easy maintenance - 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: 1490 rpm Rated flow: 634 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 200 Pressure rating for connection: PN 16 Port-to-port length: 1000 mm Flange size for motor: FF600 Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 132 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 240-220/140-128 A Starting current: 730-730 % Cos phi - power factor: 0.87 Rated speed: 1490 rpm Efficiency: IE3 95,6% Motor efficiency at full load: 95.6-95.6 % Motor efficiency at 3/4 load: 95.9-95.9 % Motor efficiency at 1/2 load: 95.9-95.9 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 83V15246 Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 1500 kg Gross weight: 1670 kg Shipping volume: 3.55 m ³ Danish VVS No.: 381719660 Finnish LVI No.: 4616182 Country of origin: HU Custom tariff no.: 84137051

96306164 TP 200-660/4 A-F-A-BQQE-2X3 50 Hz

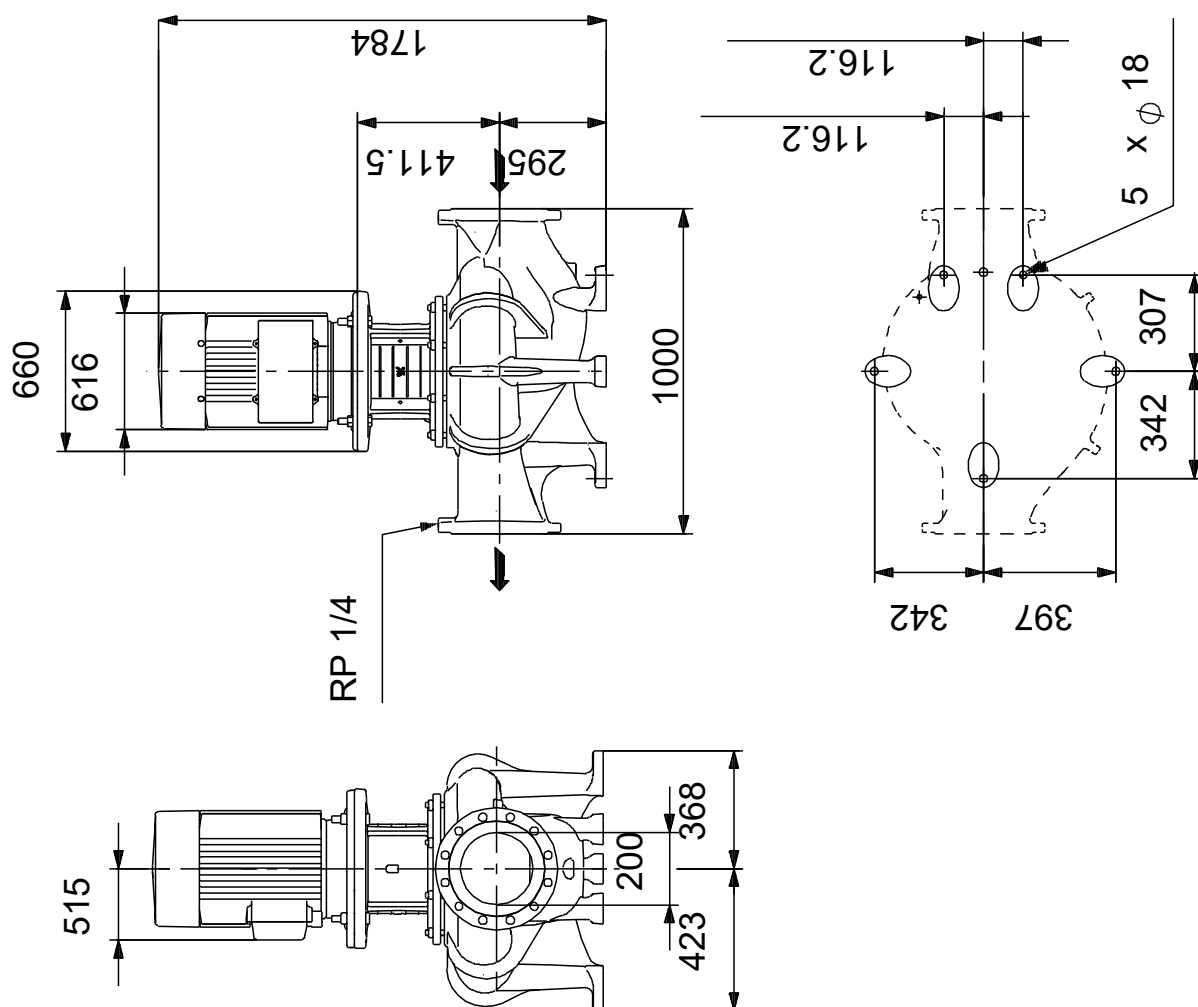


Description	Value
General information:	
Product name:	TP 200-660/4 A-F-A-BQQE-2X3
Product No:	96306164
EAN number:	5700835126054
Technical:	
Pump speed on which pump data are based:	1490 rpm
Rated flow:	634 m³/h
Rated head:	57 m
Maximum head:	660 dm
Actual impeller diameter:	432 mm
Code for shaft seal:	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 200
Pressure rating for connection:	PN 16
Port-to-port length:	1000 mm
Flange size for motor:	FF600
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:	132 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	240-220/140-128 A
Starting current:	730-730 %
Cos phi - power factor:	0.87
Rated speed:	1490 rpm
Efficiency:	IE3 95,6%
Motor efficiency at full load:	95.6-95.6 %
Motor efficiency at 3/4 load:	95.9-95.9 %
Motor efficiency at 1/2 load:	95.9-95.9 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	83V15246
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	1500 kg
Gross weight:	1670 kg
Shipping volume:	3.55 m³



Description	Value
Danish VVS No.:	381719660
Finnish LVI No.:	4616182
Country of origin:	HU
Custom tariff no.:	84137051

96306164 TP 200-660/4 A-F-A-BQQE-2X3 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 200-660/4, Product No. 96306164
Produced After 1212 (production year and week number)

Pos	Omschrijving	Opmerking tekst	Classificatie Gegevens	Onderdeelnr.	Aantal	Eenheid
-	Base plate			96045856	1	pcs
28g	Hex socket head cap screw				3	
56	Base plate				1	
-	Kit, Bushing for motor			96306486	1	pcs
8.a	Bushing				1	
9	Socket set screw	Length (mm): 10			3	
		Thread: M8				
23	Hex socket head cap screw	Length (mm): 25			8	
		Thread: M12				
-	Kit, pump shaft			96306480	1	pcs
11	Key				1	
23	Hex socket head cap screw	Designation: DIN912			8	
		Length (mm): 30				
		Thread: M12				
51	Pump shaft				1	
66a	Spring lock washer				1	
66	Washer				1	
66	Washer	Designation: DIN 125 B			1	
		Internal diameter: 28				
		Outer diameter: 50				
67	Nut	Thread: M27			1	
-	Motor				1	pcs
156	Kit, fan			98339899	1	
151	Kit, fan cover			98768548	1	
	Kit, lubrication nipple			98360053	1	
176	Kit, terminal board			98359966	1	
164a	Kit, terminal box			98360006	1	
28	Hex nut	Thread: M16		97511792	8	pcs
28	Hex head screw	Length (mm): 60		97506950	8	pcs
		Thread: M16				
36	Hex nut	Thread: M16		96620480	14	pcs
67	Nut	Thread: M27		92526534	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			92514388	1	pcs
105	Shaft seal			98434943	1	pcs