

Inventflow: Grundfos A-partner

Grundfos TP 80-60/4 A-F-A-BQQE-FX3

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-80-60-4-a-f-a-bqqe-fx3>

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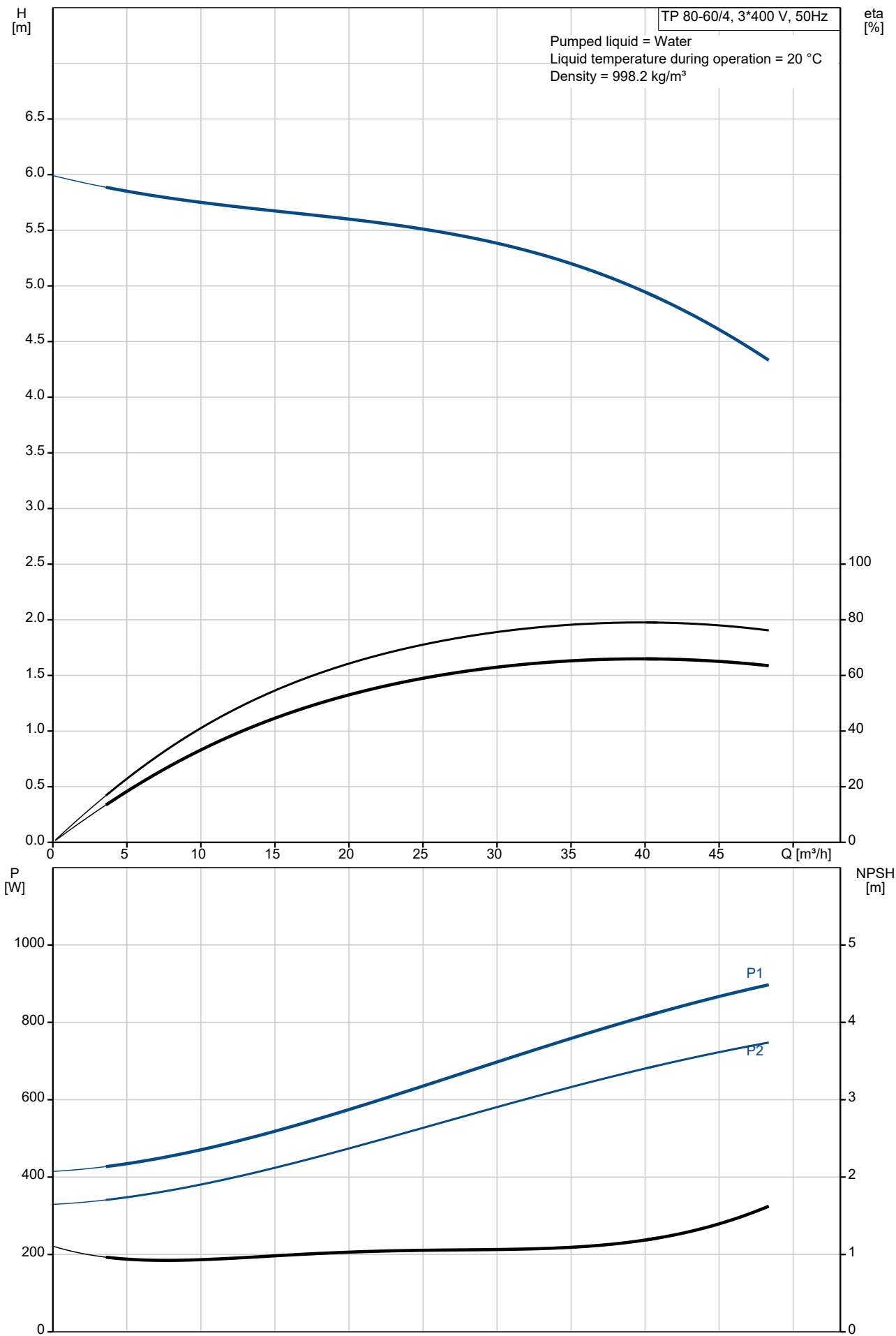
Datasheet



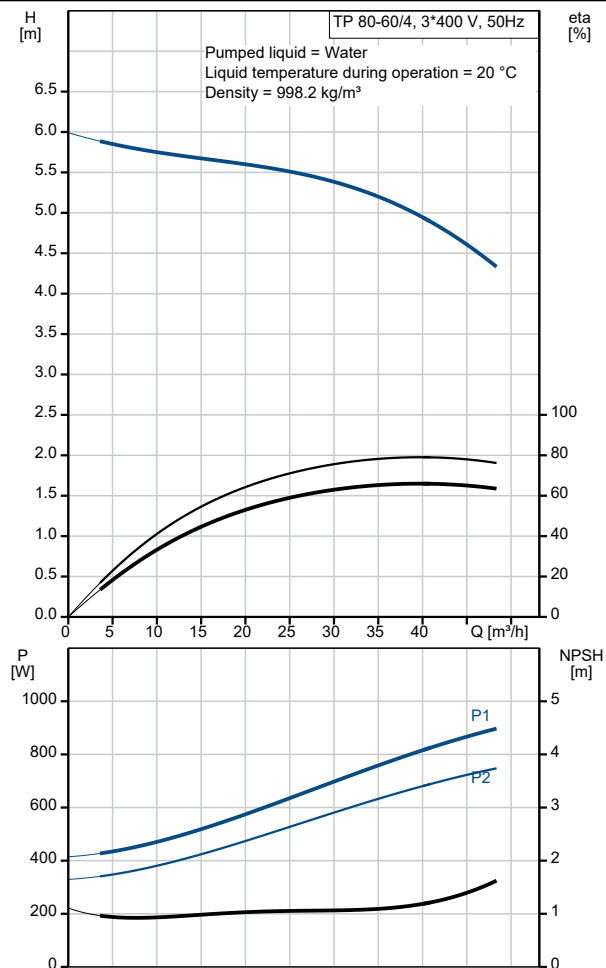
Qty.	Description
1	TP 80-60/4 A-F-A-BQQE-FX3  Note! Product picture may differ from actual product Product No.: 98182511 Single-stage centrifugal volute in-line single-head pump: - neck rings and impeller made of stainless steel - cataphoresis treatment - shell coupling - top-pull-out principle for easy 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 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: 1420 rpm Rated flow: 39.1 m³/h Rated head: 4.97 m Actual impeller diameter: 133 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: -20 .. 55 °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: SIEMENS IE Efficiency class: IE3 Rated power - P2: 0.75 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 3,1-2,9/1,79-1,66 A Starting current: 710-710 % Cos phi - power factor: 0.75 Rated speed: 1450 rpm Efficiency: IE3 82,5% Motor efficiency at full load: 82.5-82.5 % Motor efficiency at 3/4 load: 82.3-82.3 % Motor efficiency at 1/2 load: 79.9-79.9 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99900480 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 44.2 kg Gross weight: 52.8 kg Shipping volume: 0.2 m³ Danish VVS No.: 38 1825.060 Finnish LVI No.: 4616090 Norwegian NRF no.: 9043588 Country of origin: HU Custom tariff no.: 84137051

98182511 TP 80-60/4 A-F-A-BQQE-FX3 50 Hz

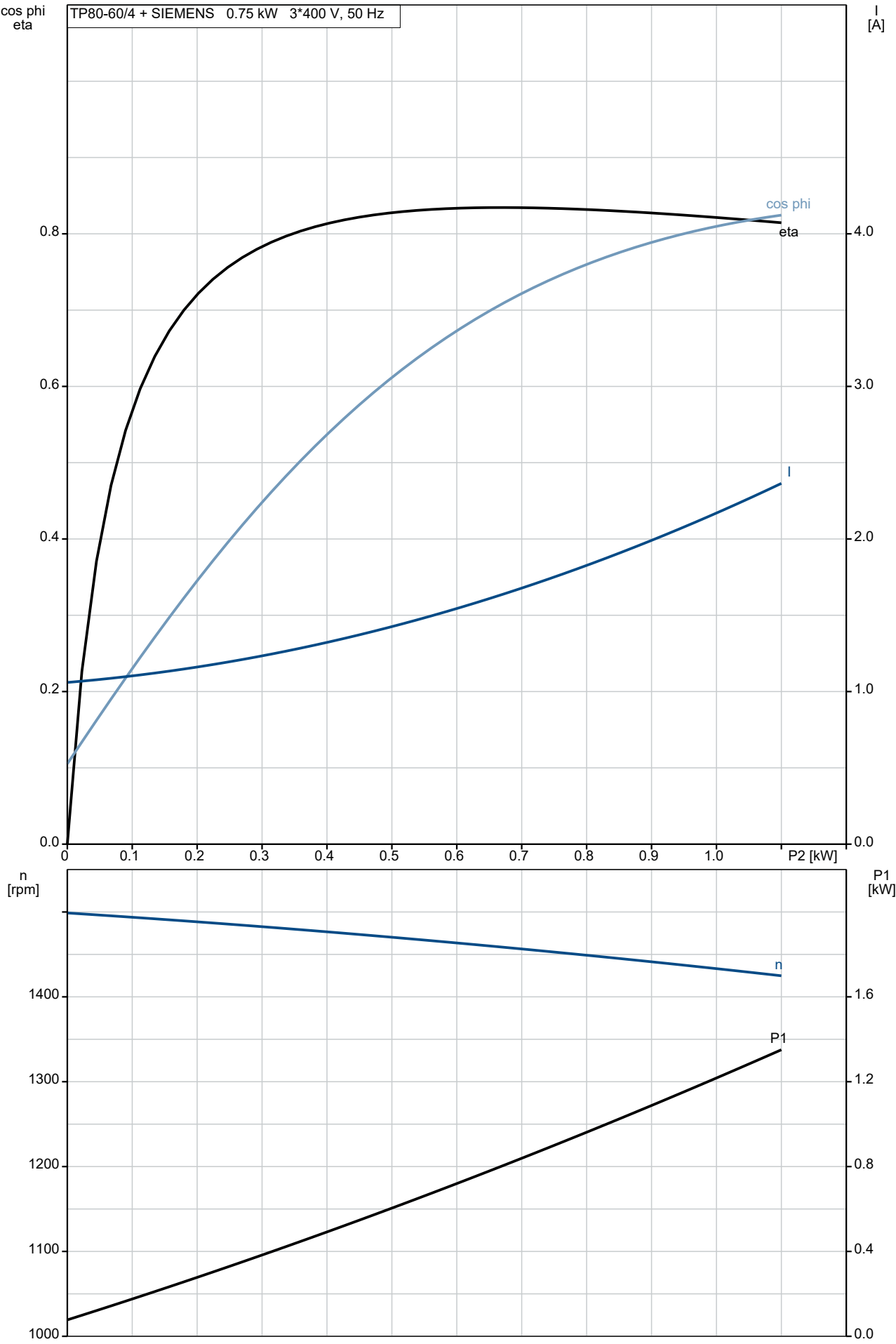


Description	Value
General information:	
Product name:	TP 80-60/4 A-F-A-BQQE-FX3
Product No:	98182511
EAN number:	5711491069548
Technical:	
Pump speed on which pump data are based:	1420 rpm
Rated flow:	39.1 m³/h
Rated head:	4.97 m
Maximum head:	60 dm
Actual impeller diameter:	133 mm
Code for shaft seal:	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:	-20 .. 55 °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:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	3,1-2,9/1,79-1,66 A
Starting current:	710-710 %
Cos phi - power factor:	0.75
Rated speed:	1450 rpm
Efficiency:	IE3 82,5%
Motor efficiency at full load:	82.5-82.5 %
Motor efficiency at 3/4 load:	82.3-82.3 %
Motor efficiency at 1/2 load:	79.9-79.9 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	99900480
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	44.2 kg
Gross weight:	52.8 kg
Shipping volume:	0.2 m³

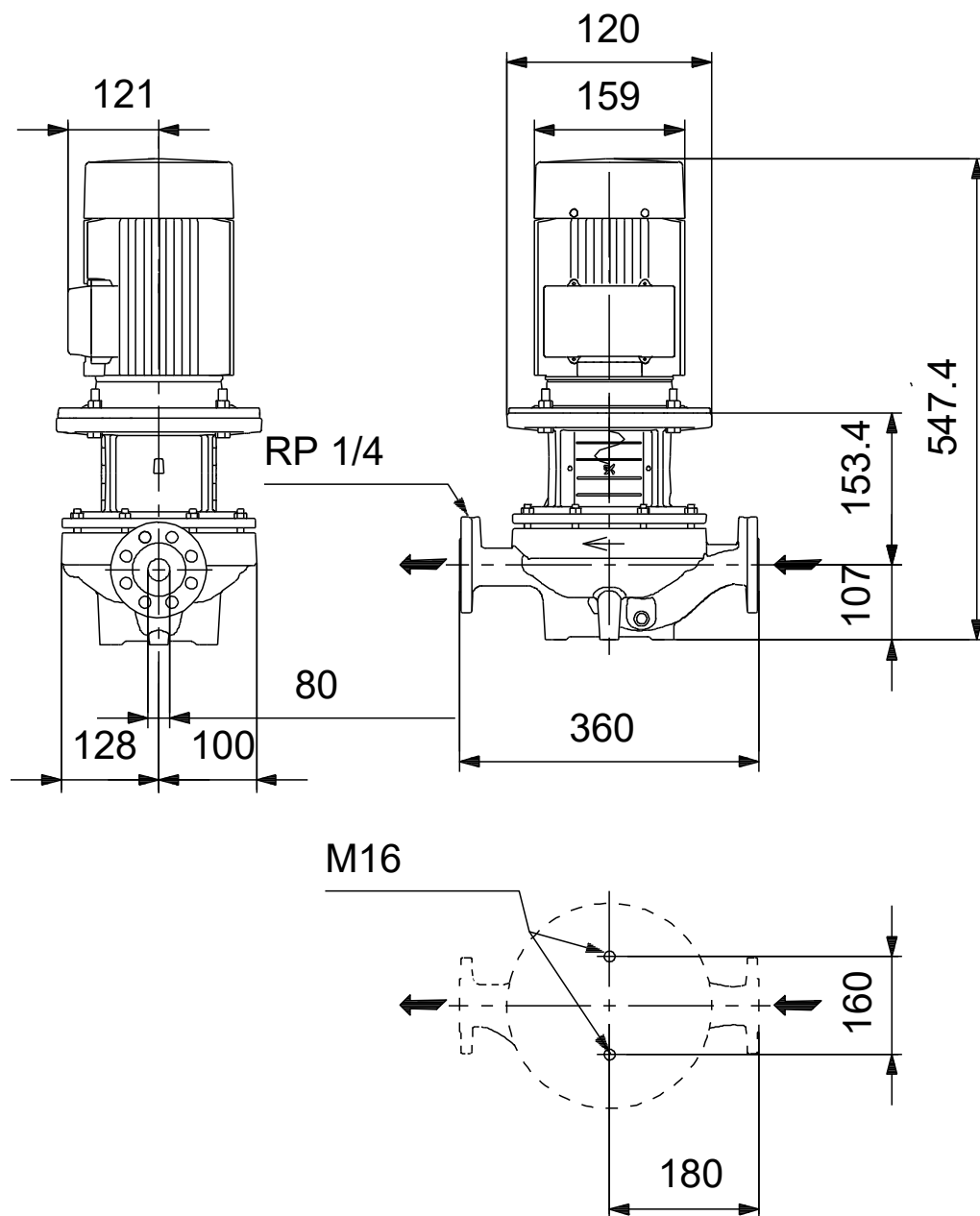


Description	Value
Danish VVS No.:	38 1825.060
Finnish LVI No.:	4616090
Norwegian NRF no.:	9043588
Country of origin:	HU
Custom tariff no.:	84137051

98182511 TP 80-60/4 A-F-A-BQQE-FX3 50 Hz



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Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Spare parts TP 80-60/4, Product No. 98182511
Produced After 2105 (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.			98313237	1	pcs
49b	Split cone nut			96547794	1	
49b	Split cone			96547795	1	
49	Impeller cpl.			96547721	1	
51	Shaft			96547791	1	
-	Pump housing cpl.			98313189	1	pcs
45	Neck ring			96591222	1	
-	Motor				1	pcs
156	Spare, motor fan			98507812	1	
151	Spare, motor fan cover			98505771	1	
176	Spare, Terminal board			98850910	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			