

Inventflow: Grundfos A-partner

Grundfos TP 100-30/4 A-F-Z-BQQE-EX3

Find the pump here:

<https://inventflow.nl/en/pompenfilter/tp/grundfos-tp-100-30-4-a-f-z-bqqe-ex3>

Contact

info@inventflow.nl

+31 (0) 546 45 80 72

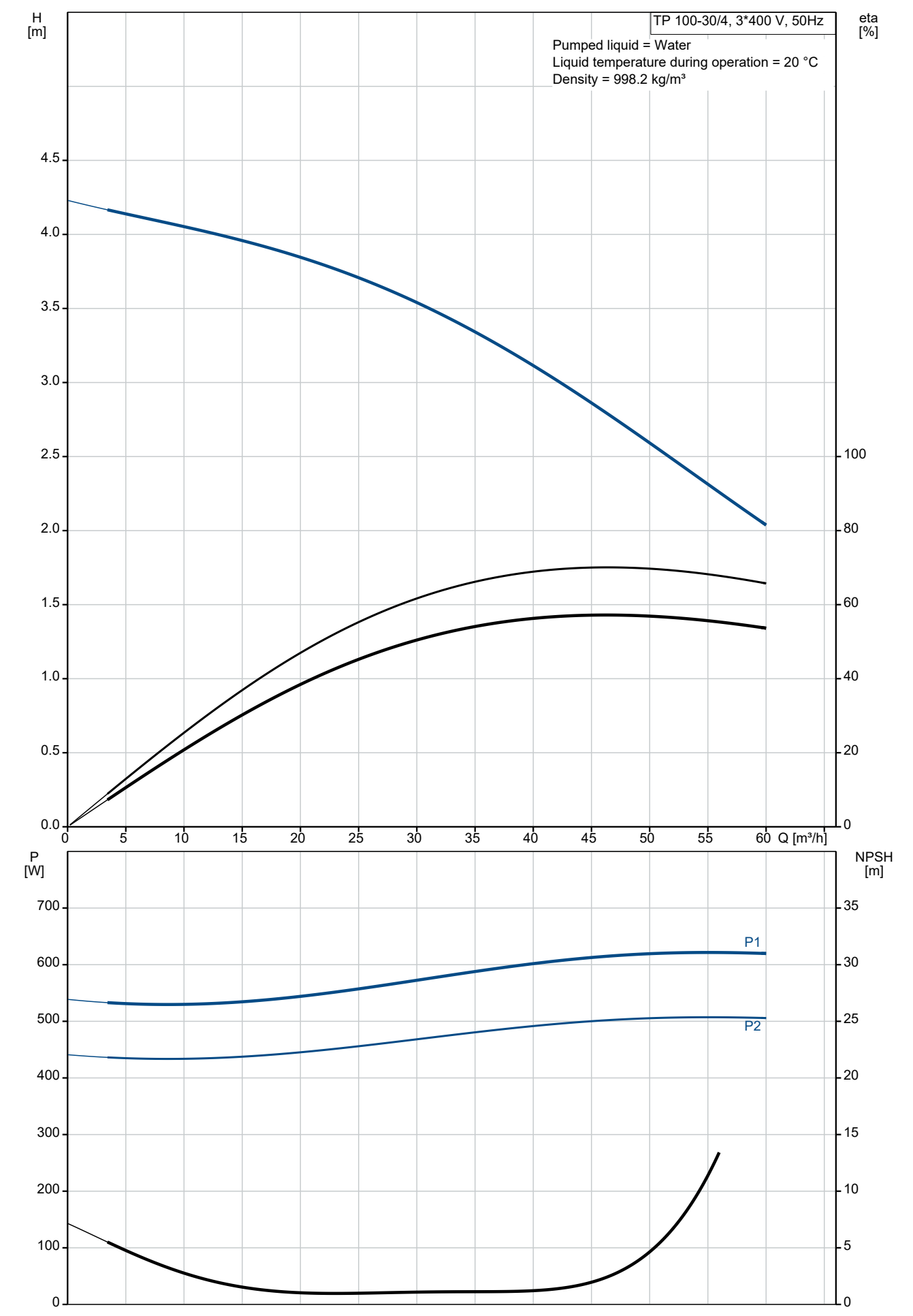
Datasheet



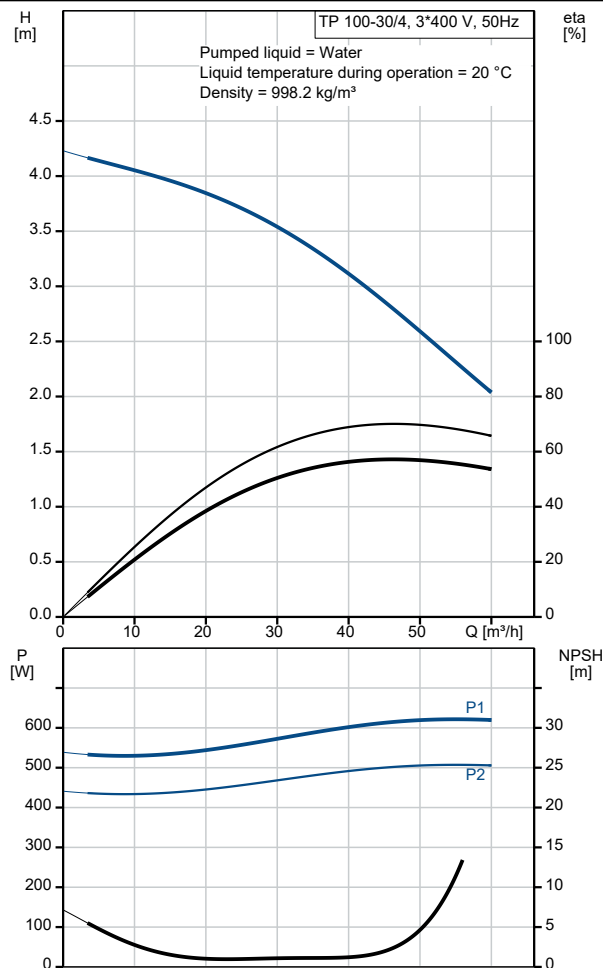
Qty.	Description
1	TP 100-30/4 A-F-Z-BQQE-EX3  Note! Product picture may differ from actual product Product No.: 98958055 Single-stage centrifugal volute in-line single-head pump: - neck rings and impeller made of stainless steel - cataphoresis treatment - shell coupling - top-pull-out principle for 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: 1440 rpm Rated flow: 46.1 m³/h Rated head: 2.8 m Actual impeller diameter: 119 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Materials: Pump housing: Bronze CuSn10 ASTM B505 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 100

Qty.	Description
	Pressure rating for connection: PN 10 Port-to-port length: 450 mm Flange size for motor: FT100 Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 0.55 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 2,31-2,09/1,32-1,2 A Starting current: 590-590 % Cos phi - power factor: 0.78 Rated speed: 1440 rpm Efficiency: IE3 80,8% Motor efficiency at full load: 80.8-80.8 % Motor efficiency at 3/4 load: 81.1-81.1 % Motor efficiency at 1/2 load: 79.3-79.3 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99900479 Others: Minimum efficiency index, MEI ≥: 0.45 Net weight: 59.5 kg Gross weight: 68.1 kg Shipping volume: 0.2 m³ Danish VVS No.: 381896030 Country of origin: HU Custom tariff no.: 84137051

98958055 TP 100-30/4 A-F-Z-BQQE-EX3 50 Hz

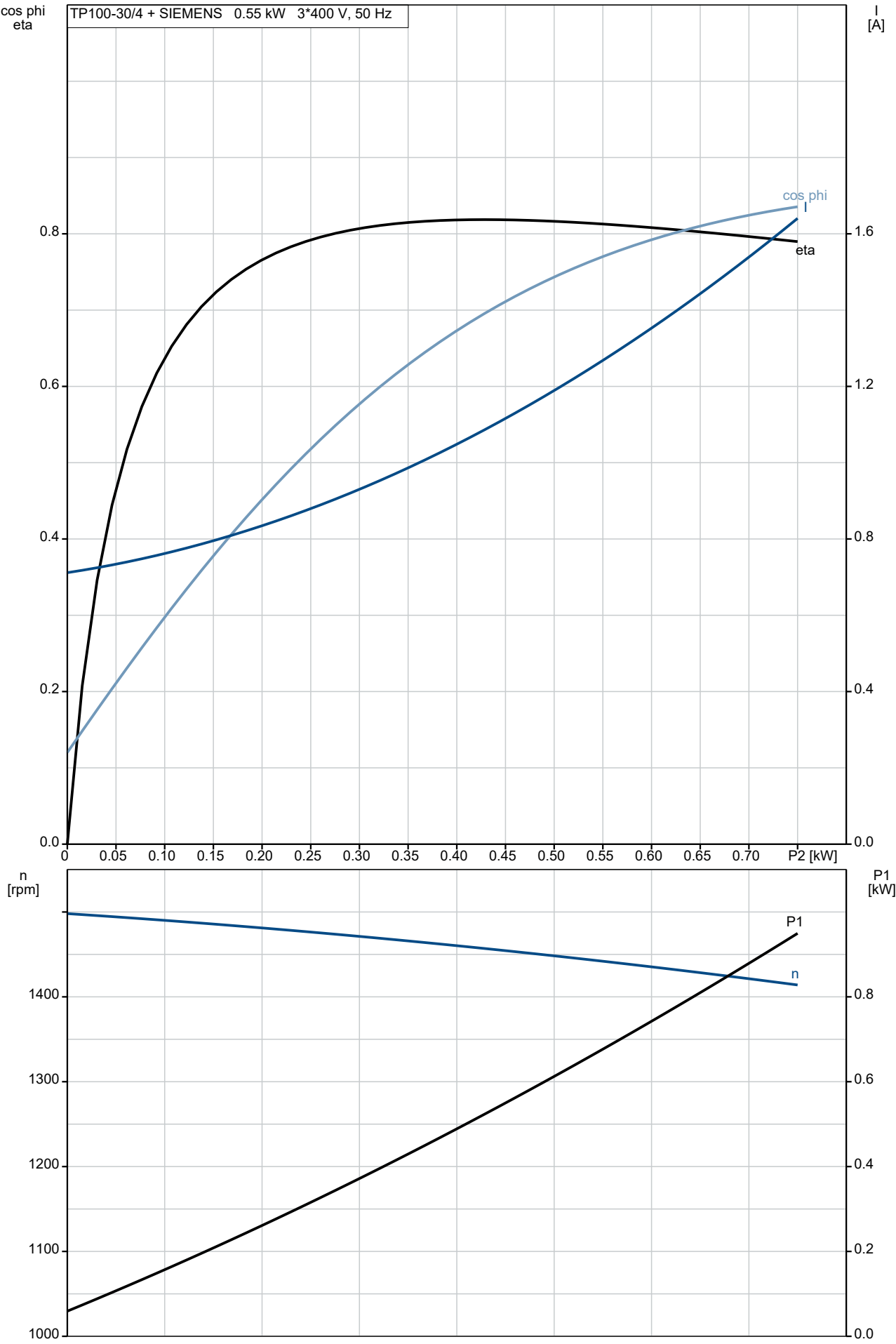


Description	Value
General information:	
Product name:	TP 100-30/4 A-F-Z-BQQE-EX3
Product No:	98958055
EAN number:	5712604245224
Technical:	
Pump speed on which pump data are based:	1440 rpm
Rated flow:	46.1 m³/h
Rated head:	2.8 m
Maximum head:	30 dm
Actual impeller diameter:	119 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Bronze
Pump housing:	CuSn10
Pump housing:	ASTM B505
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	Z
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 100
Pressure rating for connection:	PN 10
Port-to-port length:	450 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:	0.55 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	2,31-2,09/1,32-1,2 A
Starting current:	590-590 %
Cos phi - power factor:	0.78
Rated speed:	1440 rpm
Efficiency:	IE3 80,8%
Motor efficiency at full load:	80.8-80.8 %
Motor efficiency at 3/4 load:	81.1-81.1 %
Motor efficiency at 1/2 load:	79.3-79.3 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	99900479
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.45
Net weight:	59.5 kg
Gross weight:	68.1 kg
Shipping volume:	0.2 m³

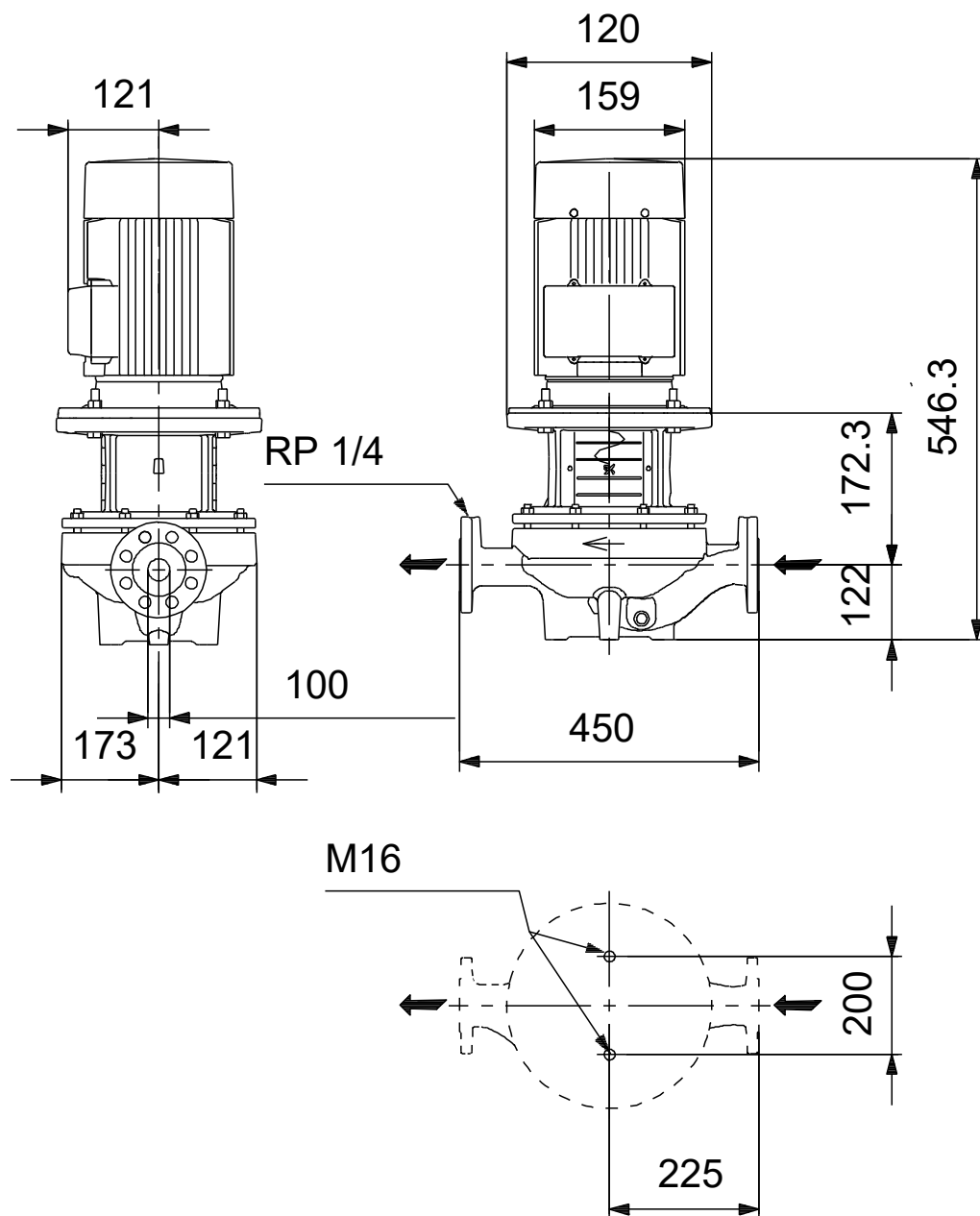


Description	Value
Danish VVS No.:	381896030
Country of origin:	HU
Custom tariff no.:	84137051

98958055 TP 100-30/4 A-F-Z-BQQE-EX3 50 Hz



98958055 TP 100-30/4 A-F-Z-BQQE-EX3 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 100-30/4, Product No. 98958055
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.			98313246	1	pcs
49b	Split cone nut			96547794	1	
49b	Split cone			96547795	1	
49	Impeller			96547860	1	
51	Shaft			96547791	1	
-	Pump housing cpl.			98313218	1	pcs
45	Neck ring			96591223	1	
-	Motor				1	pcs
156	Spare, motor fan			98507812	1	
151	Spare, motor fan cover			98505771	1	
176	Spare, Terminal board			98850910	1	
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	Plug			96620482	1	pcs
18	Plug			98164277	1	pcs
19	Pipe plug		Thread: R 1/4	98163051	2	pcs
72a	O-ring		Diameter: 154	98163015	1	pcs
			Material type: EPDM			
			Thickness: 4			