Qty. | Description

TPE 100-65/4 A-F-A-BQQE-GDA



Note! Product picture may differ from actual product

Product No.: On request

Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter.

The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.

The pump is fitted with an unbalanced rubber bellows seal.

The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2).

The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.

Controls:

Frequency converter: Built-in

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: 1445 rpm

Rated flow: 65.39 m³/h
Rated head: 4.57 m
Actual impeller diameter: 139 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 .. 50 °C Maximum operating pressure: 16 bar

Max pressure at stated temp: 16 bar / 120 °C

Type of connection: DIN
Size of connection: DN 100
Pressure rating for connection: PN 16
Port-to-port length: 550 mm
Flange size for motor: FF165

Electrical data:

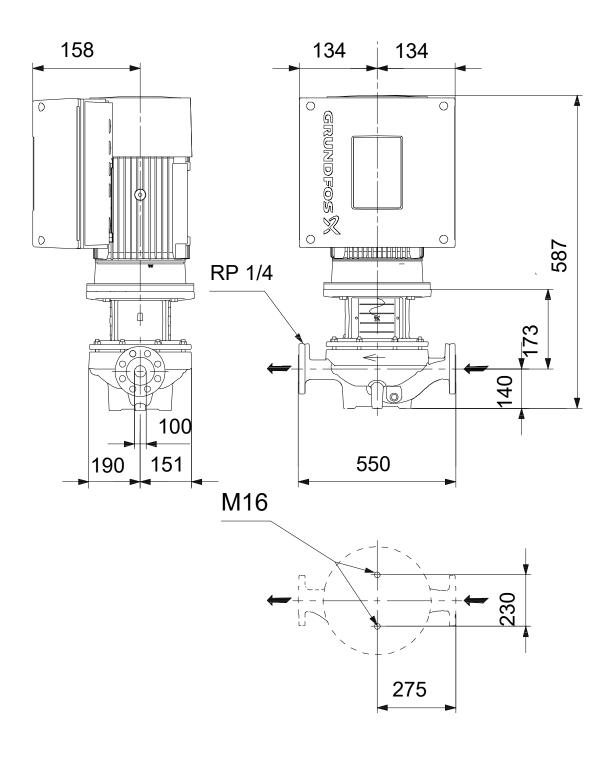
Motor type: 90SD
IE Efficiency class: IE5
Rated power - P2: 1.1 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V
Rated current: 2.30-2.10 A

Qty. Description Cos phi - power factor: 0.90-0.74 Rated speed: 180-2000 rpm Efficiency: 87.2% Motor efficiency at full load: 87.2 % Number of poles: Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98534641 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 88.4 kg Gross weight: 107 kg Shipping volume: 0.39 m^{3} Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPE 100-65/4, 3*40	0 V eta [%]
General information:	Variation		Pumped liquid = Water	
Product name:	TPE 100-65/4	8.0	Liquid temperature during operation = 20 ° Density = 998.2 kg/m³	۲
r rougername.	A-F-A-BQQE-GDA	7.5	%	
Product No:	On request	7.0		
EAN number:	On request	6.5		
Technical:		6.0 - 100	%	
Pump speed on which pump data are based:	1445 rpm	5.5 -	6	
Rated flow:	65.39 m³/h			
Rated head:	4.57 m	4.5		
Maximum head:	65 dm	4.0 - 80 %	6	
Actual impeller diameter:	139 mm	3.5	,	
Code for shaft seal:	BQQE	3.0 - 70 %	6	
Curve tolerance:	ISO9906:2012 3B2	2.5 - 60 %		100
Pump version:	Α	2.0		- 80
Materials:		1.5	6	60
Pump housing:	Cast iron	1.0 40 %		40
Pump housing:	EN-GJL-250	- //		
Pump housing:	ASTM class 35	0.5 - 25//		20
Impeller:	Cast iron	0.0	10 20 30 40 50 60 70 Q [m	L 0 3/h]
Impeller:	EN-GJL-200	P [W]		NPSH
Impeller:	ASTM class 30	[vvj]		[m]
Material code:	A	1200	P1 (motor+freq.converter)	_6
Installation:			P2-	
Range of ambient temperature:	-20 50 °C	1000		- 5
Maximum operating pressure:	16 bar	800		4
Max pressure at stated temp:	16 bar / 120 °C	600		3
Type of connection:	DIN			
Size of connection:	DN 100	400 -		-2
Pressure rating for connection:	PN 16	200		1
Port-to-port length:	550 mm			
Flange size for motor:	FF165			
Connect code:	F			
Liquid:		158	134134	
Pumped liquid:	Water		0 0	
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³		RP 1/4	
Electrical data:	<u> </u>			
Motor type:	90SD			
IE Efficiency class:	IE5		4	
Rated power - P2:	1.1 kW	190 151	550	
Mains frequency:	50 Hz		M16	
Rated voltage:	3 x 380-500 V			
Rated current:	2.30-2.10 A			
Cos phi - power factor:	0.90-0.74		* `	
Rated speed:	180-2000 rpm		275	
Efficiency:	87.2%			
Motor efficiency at full load:	87.2 %			
Number of poles:	4			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F	2		
Built-in motor protection:	ELEC		Ø (*)	
Motor No:	98534641		0	
Controls:			NO	
Control panel:	HMI200 - Standard	467	00 II 0400 III 0400 III 04000 III 04	
Function Module:	FM300 - Advanced		77 P0001000 12 A0 13 Ono	
Frequency converter:	Built-in		—	
Others:	= =====================================		2 1 1 1 1 1 1 1 1 1	
Minimum efficiency index, MEI ≥:	0.70	dry dry	0 10 200001 1 Ari	
Net weight:	88.4 kg		3 45V 6 OKO 1 OKONOMA A	
Gross weight:	107 kg		V GENBUR V B GENBUR B	
Shipping volume:	0.39 m ³		33 -24V 3 -24V	
Config. file no:	98478703	-0417 AST -0117 -	2 000 XX	

Description	Value	
Description Country of origin:	Value HU	
Custom tariff no.:	84137051	

On request TPE 100-65/4 A-F-A-BQQE-GDA 50 Hz



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

	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		TPE 100-65/4	1	On request	Price on request		
					requesi		
		1	<u> </u>				