Qty. | Description

1 TPE3 40-240 S-A-F-I-BQQE-HAC



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 shaft seal is according to EN 12756. Pipework connection is via PN 6/10 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.

The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.

The pump is fitted with a combined temperature- and differential pressure sensor.

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: 5500 rpm

Rated flow: 22.4 m³/h
Rated head: 18.6 m
Actual impeller diameter: 74 mm
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B2

Materials:

Pump housing: Stainless steel

EN 1.4308 ASTM CF8

Impeller: Composite

PES+30% GF

Installation:

Range of ambient temperature: $-20 ... 50 \,^{\circ}\text{C}$ Maximum operating pressure: $10 \, \text{bar}$

Max pressure at stated temp: 10 bar / 120 °C

Type of connection:

Size of connection:

Pressure rating for connection:

Port-to-port length:

Flange size for motor:

DIN

DN 40

PN 6/10

250 mm

56C

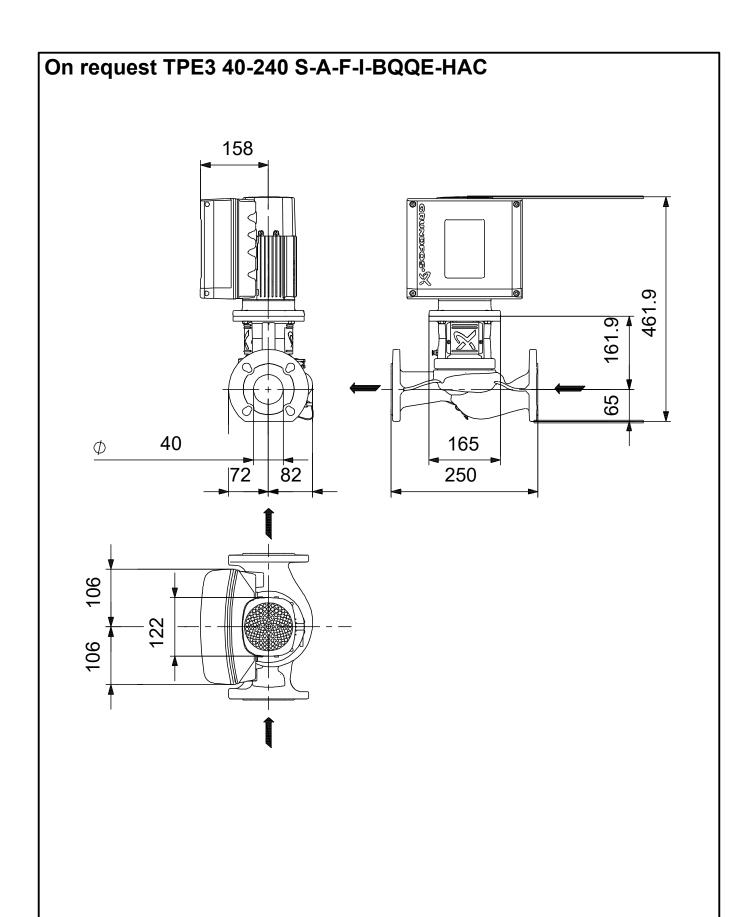
Electrical data:

Motor type: 90SB
IE Efficiency class: IE5
Rated power - P2: 1.5 kW
Mains frequency: 50 / 60 Hz
Rated voltage: 1 x 200-240 V

Qty. Description 9.20-7.60 A Rated current: Cos phi - power factor: 0.99 Rated speed: 480-5900 rpm Efficiency: 87.5% Motor efficiency at full load: 87.5 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99138026 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 24.8 kg Gross weight: 32 kg 0.104 m³ Shipping volume: Danish VVS No.: 382141240 Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m] TPE3 40-240, 1*230 V eta [%]
General information:		Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	TPE3 40-240 S-A-F-I-BQQE-HAC	26 - Density = 998.2 kg/m³
Product No:	On request	24
EAN number:	On request	22
Technical:	On request	20 90 %
Pump speed on which pump data are	5500	
based:		18 90
Rated flow:	22.4 m³/h	16 80 %
Rated head:	18.6 m	14
Maximum head:	240 dm	12 70 %
Actual impeller diameter:	74 mm	
Code for shaft seal:	BQQE	10 - 50
Curve tolerance:	ISO9906:2012 3B2	8 40
Pump version:	A	
Materials:		6-1-30
Pump housing:	Stainless steel	4
Pump housing:	EN 1.4308	2 - 10
Pump housing:	ASTM CF8	9%
Impeller:	Composite	0 5 10 15 20 25 30 Q[m³/h]
Impeller:	PES+30% GF	P NPSH
Material code:		[kW] [m]
Installation:		2.0
Range of ambient temperature:	-20 50 °C	P1 (motor+freq.converter)
Maximum operating pressure:	10 bar	1.5 P2 30
Max pressure at stated temp:	10 bar / 120 °C	
Type of connection:	DIN	1.0
Size of connection:	DN 40	
Pressure rating for connection:	PN 6/10	0.5
Port-to-port length:	250 mm	9.3
Flange size for motor:	56C	0.0
Connect code:	F	0.0
Liquid:	'	_
Pumped liquid:	Water	158
Liquid temperature range:	-25 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:	990.2 kg/III	
Motor type:	90SB	
IE Efficiency class:	IE5	
Rated power - P2:	1.5 kW	φ 40 165
Mains frequency:	50 / 60 Hz	72 82 250
Rated voltage:	1 x 200-240 V	
Rated voltage:		g The second sec
	9.20-7.60 A	8 2
Cos phi - power factor:	0.99	100
Rated speed:	480-5900 rpm	
Efficiency:	87.5%	
Motor efficiency at full load:	87.5 %	<u> </u>
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Built-in motor protection:	ELEC	
Motor No:	99138026	<u>"'-</u>
Controls:		
Control panel:	HMI300 - Graphical	
Function Module:	FM300 - Advanced	
Frequency converter:	Built-in	11 DARCCE 10 PROTOCOL
Others:		The second of th
Minimum efficiency index, MEI ≥:	0.70	- T 00 00 00 00 00 00 00 00 00 00 00 00 0
Net weight:	24.8 kg	22 Gab
Gross weight:	32 kg	10 00001 11 Ari 12 1 Bri
Shipping volume:	0.104 m³	
Config. file no:	98481395	Y GONDA Y S GONDA B
Danish VVS No.:	382141240	3 0ao 5 34V 1 34V
Country of origin:	HU	20 day 20
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Description	Value	
Description Custom tariff no.:	Value 84137051	



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			
		TPE3 40-240	1	On request	Price on request			