Qty. | Description

1 TPE3 40-240 S-A-F-A-BQQE-HDC



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: Cast iron

EN-GJL-250 ASTM class 35

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

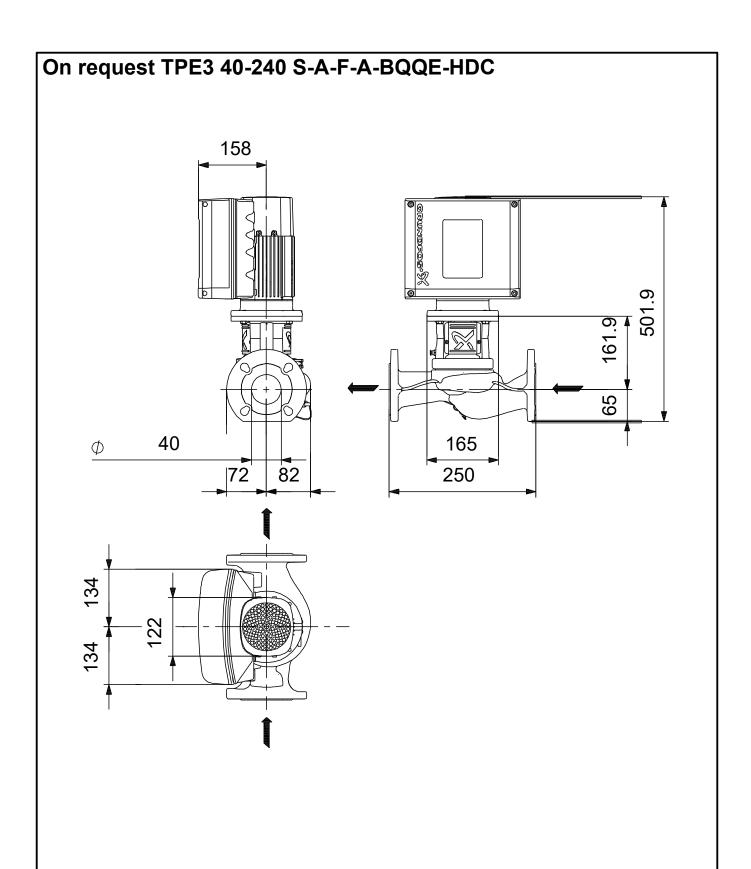
Electrical data:

Motor type: 90SB
IE Efficiency class: IE5
Rated power - P2: 1.5 kW
Mains frequency: 50 / 60 Hz
Rated voltage: 3 x 380-500 V

Qty. Description 3.05-2.50 A Rated current: Cos phi - power factor: 0.90-0.83 Rated speed: 480-5900 rpm Efficiency: 89.1% Motor efficiency at full load: 89.1 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99138037 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 26.2 kg Gross weight: 33.7 kg Shipping volume: 0.104 m³ Danish VVS No.: 381621240 Swedish RSK No.: 5745838 Finnish LVI No.: 4616254 Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPE3 40-240, 3*460 V eta [%]
General information:	Value		Pumped liquid = Water
Product name:	TPE3 40-240	26	
Floduct flame.	S-A-F-A-BQQE-HDC	24 -	100 %
Product No:	On request	24 -	
EAN number:	On request	22 .	
Technical:	•	20.	90 %
Pump speed on which pump data are	5500 rpm	18.	90
based:	·		
Rated flow:	22.4 m³/h	16.	80 %
Rated head:	18.6 m	14 -	-70
Maximum head:	240 dm		70 %
Actual impeller diameter:	74 mm	12.	60
Code for shaft seal:	BQQE	10	50
Curve tolerance:	ISO9906:2012 3B2	8.	40
Pump version:	A		
Materials:		6.	30
Pump housing:	Cast iron	4.	_20
Pump housing:	EN-GJL-250		
Pump housing:	ASTM class 35	2.	-10
Impeller:	Composite	0.	0 5 10 15 20 25 30 Q[m³/h]
Impeller:	PES+30% GF		0 5 10 15 20 25 30 Q [†] [m³/h] NPSH
		P [kW]	[m]
Material code:	A	2.0	40
Installation:	00 50 00		P1 (motor+freq.converter)
Range of ambient temperature:	-20 50 °C	- 15	30
Maximum operating pressure:	10 bar	1.5	P2 30
Max pressure at stated temp:	10 bar / 120 °C		
Type of connection:	DIN	1.0	20
Size of connection:	DN 40		
Pressure rating for connection:	PN 6/10	0.5	10
Port-to-port length:	250 mm		
Flange size for motor:	56C	0.0	0
Connect code:	F		
Liquid:			158
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
Motor type:	90SB		
IE Efficiency class:	IE5		8
Rated power - P2:	1.5 kW	Φ	40 165
Mains frequency:	50 / 60 Hz		72 82 250
	3 x 380-500 V		Ţ
Rated voltage:		4	
	3.05-2.50 A	134	
Cos phi - power factor:	0.90-0.83	— £	
Rated speed:	480-5900 rpm		
Efficiency:	89.1%		1
Motor efficiency at full load:	89.1 %		•
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		Am -
Built-in motor protection:	ELEC	L1	
Motor No:	99138037	L3 _ PE _	
Controls:			Ø⊕ ⊑
Control panel:	HMI300 - Graphical		
Function Module:	FM300 - Advanced		
Frequency converter:	Built-in		- 1
Others:			17 P0000000 - 17 P00000000000000000000000000000000000
Minimum efficiency index, MEI ≥:	0.70		1 00 1 00 21 00 00 21 000
Net weight:	26.2 kg		23 (au)
Gross weight:	33.7 kg		300 30001 31 00001 31 00001 31 00001
	0.104 m ³		
Shipping volume:			А. ја-молан А. У ССОВом У В јасеном в
Config. file no:	98484777		3 GMO 151 -44V 8 -04V
Danish VVS No.:	381621240		28 45V 22 000
Swedish RSK No.:	5745838		

Description Finnish LVI No.:	Value
Finnish LVI No.:	4616254
Country of origin:	HU
Custom tariff no.:	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			