Qty. | Description

1 TPE2 65-120 N-A-F-A-BQQE-FAB



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.

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: 3530 rpm

Rated flow: 28.8 m³/h
Rated head: 7.6 m
Actual impeller diameter: 78 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 °C Maximum operating pressure: 10 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 65

PN 6/10

340 mm

Flange size for motor:

56C

Electrical data:

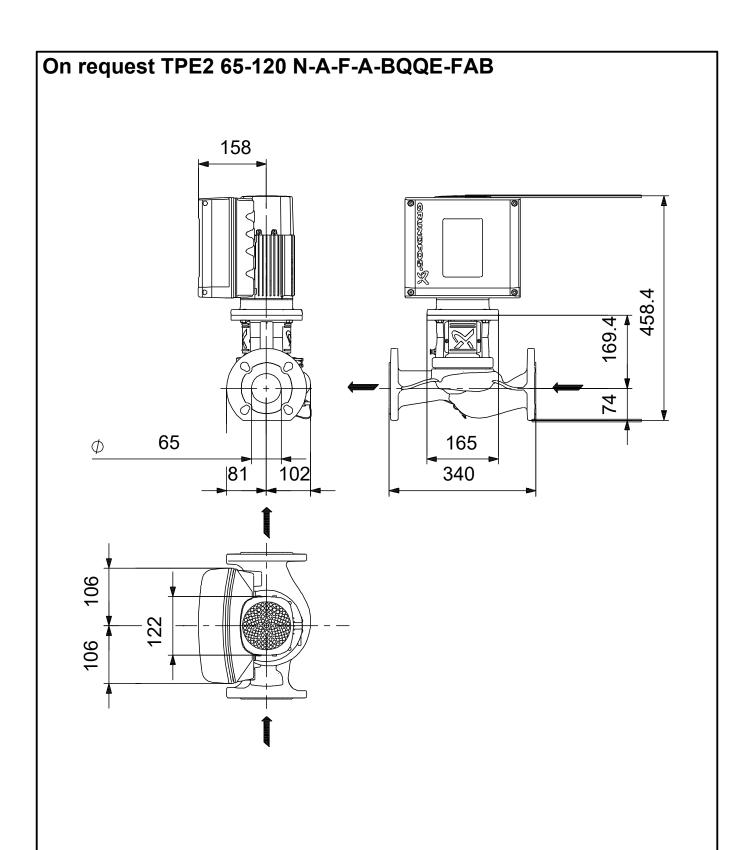
Motor type: 80A
IE Efficiency class: IE5
Rated power - P2: 0.75 kW
Mains frequency: 50 / 60 Hz
Rated voltage: 1 x 200-240 V
Rated current: 4.70-3.90 A
Cos phi - power factor: 0.99

Rated speed: 360-4000 rpm

Description Qty. Efficiency: 85.2% Motor efficiency at full load: 85.2 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99137994 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 27.2 kg Gross weight: 35.9 kg 0.164 m³ Shipping volume: Norwegian NRF no.: 9043491 Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPE2 65-120, 1*230 V	eta [%]
General information:	Tuluo		Pumped liquid = Water	
Product name:	TPE2 65-120 N-A-F-A-BQQE-FAB	13 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m³ 100 %	
Product No:	On request	12 -	100 %	
EAN number:	On request	11		
Technical:	On request	10 -	90 %	
Pump speed on which pump data are based:	3530 rpm	9 -	30.78	
Rated flow:	28.8 m³/h	8-	80 %	
Rated head:	7.6 m		00 76	
Maximum head:	120 dm	7 -		
Actual impeller diameter:	78 mm	6 -	70 %	
Code for shaft seal:	BQQE	5 -		_ 100
Curve tolerance:	ISO9906:2012 3B2		60 %	
Pump version:	A	4 -		- 80
Materials:	^	3 -	1000	- 60
Pump housing:	Cast iron	2-		- 40
Pump housing:	EN-GJL-250			
		1-	25.2	- 20
Pump housing:	ASTM class 35	0		0
Impeller:	Composite PES+30% GF	0	10 20 30 40 Q [m³/h]	NPSH
Impeller:		P [W]		[m]
Material code:	A	1000 -		- 25
Installation:	-20 50 °C		P1 (motor+freq.converter)	
Range of ambient temperature:	-20 50 °C 10 bar	800 -		- 20
Maximum operating pressure:		600 -	P2	- 15
Max pressure at stated temp:	10 bar / 120 °C			- 13
Type of connection:	DIN	400 -		- 10
Size of connection:	DN 65			
Pressure rating for connection:	PN 6/10	200 -		- 5
Port-to-port length:	340 mm			
Flange size for motor:	56C	0 -		L 0
Connect code:	F	æ		
Liquid:			158 	
Pumped liquid:	Water			
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C		4	
Density:	998.2 kg/m³		4584	
Electrical data:	004			
Motor type: IE Efficiency class:	80A IE5			
Rated power - P2:	0.75 kW	φ 6	55 165	
•	50 / 60 Hz		81 102 340	
Mains frequency:	1 x 200-240 V		Ţ	
Rated voltage: Rated current:	1 x 200-240 V 4.70-3.90 A			
		106		
Cos phi - power factor: Rated speed:	0.99	122		
Efficiency:	360-4000 rpm 85.2%		<u>' </u>	
Motor efficiency at full load:	85.2 % 85.2 %		ţ	
Enclosure class (IEC 34-5):	85.2 % IP55			
•	F			
Insulation class (IEC 85):	ELEC		হ্লে	
Built-in motor protection: Motor No:				
Motor No: Controls:	99137994	PE	Ø⊕	
	HMI200 - Standard			
Control panel: Function Module:	FM300 - Standard			
			100 100 100 100 100 100 100 100 100 100	
Frequency converter:	Built-in		17 Prisonoso	
Others:	0.70		AND	
Minimum efficiency index, MEI ≥:	0.70		11 Lutus 11 Lutus 10 Osso	
Net weight:	27.2 kg		-50 F C C C C C C C C C C C C C C C C C C	
Gross weight:	35.9 kg		A AN J AN	
Shipping volume:	0.164 m ³		© GND F GONDUS A V GONDUS Y	
Config. file no:	98819181		3 GNO	
Norwegian NRF no.: Country of origin:	9043491 HU		13 -54V 1 -54V 20 -55V	

Description Custom tariff no	Value 84137051
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			
		TPE2 65-120	1	On request	Price on request			
					requesi			