Qty. | Description

1 TPE 100-170/4 A-F-A-BQQE-LDA



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: 1455 rpm

Rated flow: 93 m³/h
Rated head: 15.4 m
Actual impeller diameter: 222 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:

Size of connection:

Pressure rating for connection:

Port-to-port length:

Flange size for motor:

DIN

DN 100

PN 16

FN 16

FF265

Electrical data:

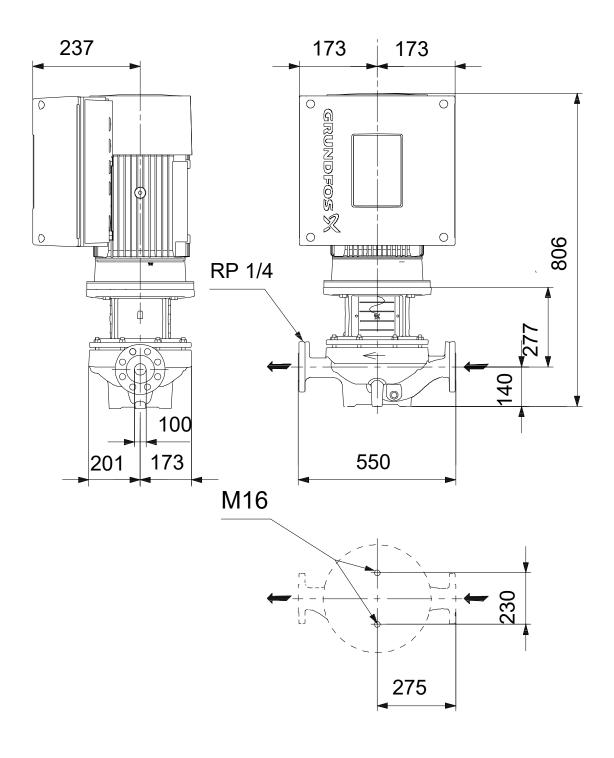
Motor type: 132SG
IE Efficiency class: IE5
Rated power - P2: 5.5 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V
Rated current: 10.5-8.40 A

Description Cos phi - power factor: 0.92-0.88 Rated speed: 180-2200 rpm Efficiency: 91.9% Motor efficiency at full load: 91.9 % Number of poles: Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971184 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 146 kg Gross weight: 173 kg Shipping volume: $0.395 \; m^3$ Danish VVS No.: 382056170 Finnish LVI No.: 4616497 Country of origin: HU Custom tariff no.: 84139100

Description	Value	H [m]	TPE 100-170/4, 3*400 V eta [%]
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	TPE 100-170/4	22	Density = 998.2 kg/m³
	A-F-A-BQQE-LDA		110 %
Product No:	On request	20 -	
EAN number:	On request	18	
Technical:		10-	100 %
Pump speed on which pump data are based:	1455 rpm	16	
Rated flow:	93 m³/h	14 -	90 %
Rated head:	15.4 m	12	
Maximum head:	170 dm	12	80 %
Actual impeller diameter:	222 mm	10	100
Code for shaft seal:	BQQE		70 %
Curve tolerance:	ISO9906:2012 3B2	8 -	-80
Pump version:	Α	6	60
Materials:		—	
Pump housing:	Cast iron	4 #	40
Pump housing:	EN-GJL-250	2	40 %
			205%%
Pump housing:	ASTM class 35	0	
Impeller:	Cast iron	0	20 40 60 80 100 Q [m³/h]
Impeller:	EN-GJL-200	P [kW]	NPSH [m]
Impeller:	ASTM class 30		
Material code:	Α	6 -	P1 (motor+freq.converter) 30
Installation:		5 -	P2 25
Range of ambient temperature:	-20 50 °C		
Maximum operating pressure:	16 bar	4 —	-20
Max pressure at stated temp:	16 bar / 120 °C	3-	-15
Type of connection:	DIN		-10
Size of connection:	DN 100	2-	-10
Pressure rating for connection:	PN 16	1-	-5
Port-to-port length:	550 mm	0	
Flange size for motor:	FF265		·
Connect code:	F	3.	
Liquid:	•	237	173 173
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C	— [L	
Selected liquid temperature:	20 °C		
			8
Density:	998.2 kg/m³		RP 1/4
Electrical data:	10000	1	
Motor type:	132SG		
E Efficiency class:	IE5		100
Rated power - P2:	5.5 kW	201	173 550
Mains frequency:	50 Hz		M16
Rated voltage:	3 x 380-500 V		3 1
Rated current:	10.5-8.40 A		
Cos phi - power factor:	0.92-0.88		
Rated speed:	180-2200 rpm		275
Efficiency:	91.9%		
Motor efficiency at full load:	91.9 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	ELEC		 Ø⊕
Motor No:	98971184		
Controls:	33011107		(A)
Control panel:	HMI200 - Standard		317 00 III 0400
Function Module:	FM300 - Advanced		7 Protestando 7 Protestando 10 Ato
			1 DD
Frequency converter:	Built-in		21 Lights 23 Goo
O4h a			2017-00 00 00 00 000001
Others:			Laws Lawse No.
Minimum efficiency index, MEI ≥:	0.70	48.0	
Minimum efficiency index, MEI ≥: Net weight:	146 kg	ate	# 4 V V V V V V V V V V V V V V V V V V
Minimum efficiency index, MEI ≥: Net weight: Gross weight:		417	To the control of the
Minimum efficiency index, MEI ≥: Net weight:	146 kg	417	# # # # # # # # # # # # # # # # # # #

Description Value	
Danish VVS No.: 38205617	0
Finnish LVI No.: 4616497	
Country of origin: HU	1
Custom tariff no.: 84139100	J

On request TPE 100-170/4 A-F-A-BQQE-LDA 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 100-170/4	1	On request	Price on request		
					requesi		