Qty. | Description

TPED 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 twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads.

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.

Each power head 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).

Each power head is fitted with a fan-cooled, permanent-magnet synchronous motor of identical size. 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: 82.3 m³/h
Rated head: 15.3 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

550 mm

Flange size for motor:

FF265

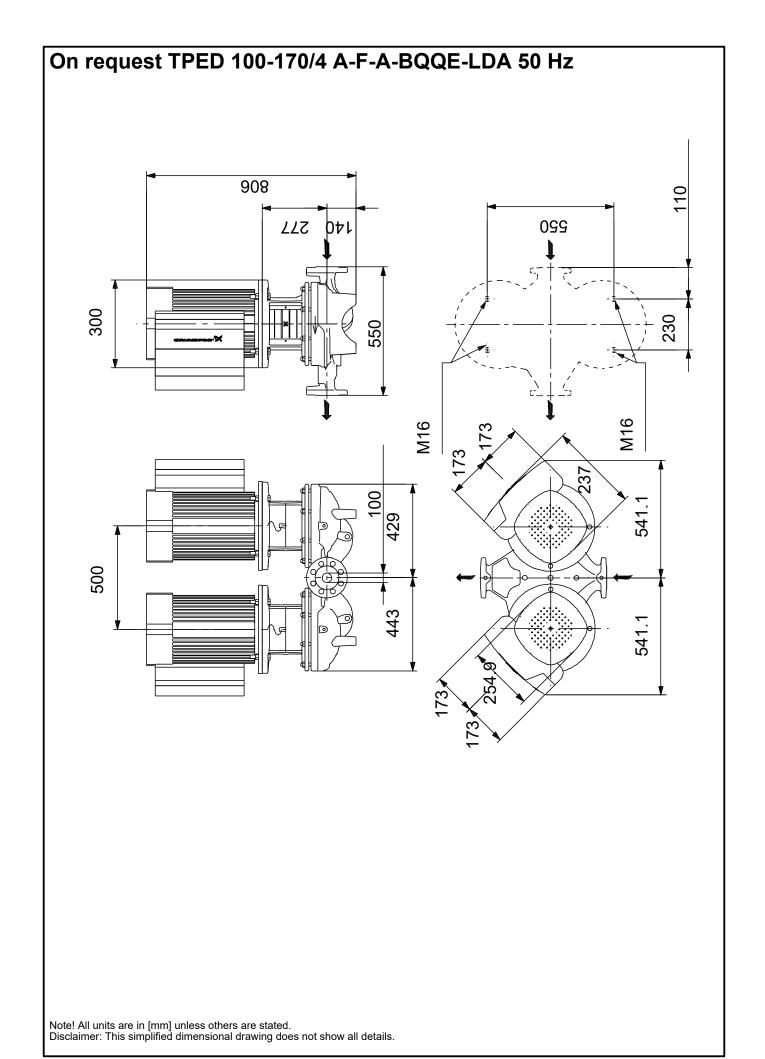
Electrical data:

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

Description Qty. 10.5-8.40 A Rated current: 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: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971184 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 290 kg Gross weight: 322 kg Shipping volume: 1.14 m³ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]	TPED 100-170/4, 3*400 V eta [%]
General information:			Pumped liquid = Water
Product name:	TPED 100-170/4		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
Product name.	A-F-A-BQQE-LDA	22	
Product No:	On request	20	110 %
EAN number:	On request		
Technical:	Onrequest	18	400.07
Pump speed on which pump data are			100 %
based:	1455 rpm	16 -	
Rated flow:	00.03/b	14	90 %
	82.3 m³/h		
Rated head:	15.3 m	12	Y
Maximum head:	170 dm		80 %
Actual impeller diameter:	222 mm	10	100
Code for shaft seal:	BQQE	8	70 %
Curve tolerance:	ISO9906:2012 3B2	°†	-00
Pump version:	Α	6-	-60
Materials:	<u> </u>		
		4 - #/	-40
Pump housing:	Cast iron		40 %
Pump housing:	EN-GJL-250	2-	20
Pump housing:	ASTM class 35	0	20%
Impeller:	Cast iron	U F	20 40 60 80 Q [m³/h]
Impeller:	EN-GJL-200	P [kW]	NPSH
Impeller:	ASTM class 30	[kW]	[m]
Material code:			P1 (motor+freq.converter)
	A	6-	- 12
Installation:		5_	P2 -10
Range of ambient temperature:	-20 50 °C		
Maximum operating pressure:	16 bar	4 -	8
Max pressure at stated temp:	16 bar / 120 °C	3	-6
Type of connection:	DIN		
Size of connection:	DN 100	2-	4
	PN 16	1	2
Pressure rating for connection:			
Port-to-port length:	550 mm	0	0
Flange size for motor:	FF265		
Connect code:	F		500 300
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C	Ш	
Density:	998.2 kg/m³		
Electrical data:		7	
Motor type:	132SG		100 550
IE Efficiency class:	IE5		443 429 M16
Rated power - P2:	5.5 kW	173	M10
Mains frequency:	50 Hz	173	X 773
Rated voltage:	3 x 380-500 V		
Rated current:	10.5-8.40 A		237
Cos phi - power factor:	0.92-0.88		M16 M16
Rated speed:	180-2200 rpm	54	41.1 541.1 S41.1 S41.1
Efficiency:	91.9%		230 110
Motor efficiency at full load:	91.9 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F	PE	<u> </u>
Built-in motor protection:	ELEC		
Motor No:	98971184		₩
Controls:			100 Mag
Control panel:	HMI200 - Standard		410° 0
Function Module:	FM300 - Advanced		17 Proto-1900
		- SA V	
Frequency converter:	Built-in		77 Leffec 20 (20 (20 (20 (20 (20 (20 (20 (20 (20
Others:			28/2° 00 00 00 00 00 00 00 00 00 00 00 00 00
Minimum efficiency index, MEI ≥:	0.70	417	987 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Net weight:	290 kg		SCHOLAY Y
Gross weight:	322 kg		B GENERAL B
Shipping volume:	1.14 m³		□ 34V □ 34V □ 34V
pring rotatio.			
Config. file no:	99100732	4MV 14	2 GMO 31V2 35V35V

Description	Value
Description Country of origin:	Value HU
Custom tariff no.:	84137065



	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		TPED 100-170/4	1	On request	Price on request			
					requesi			
		I						