Qty. | Description

TPED 100-70/4 A-F-A-BQQE-HDA



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: 1445 rpm

Rated flow: 58 m³/h
Rated head: 5.4 m
Actual impeller diameter: 150 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:

FF165

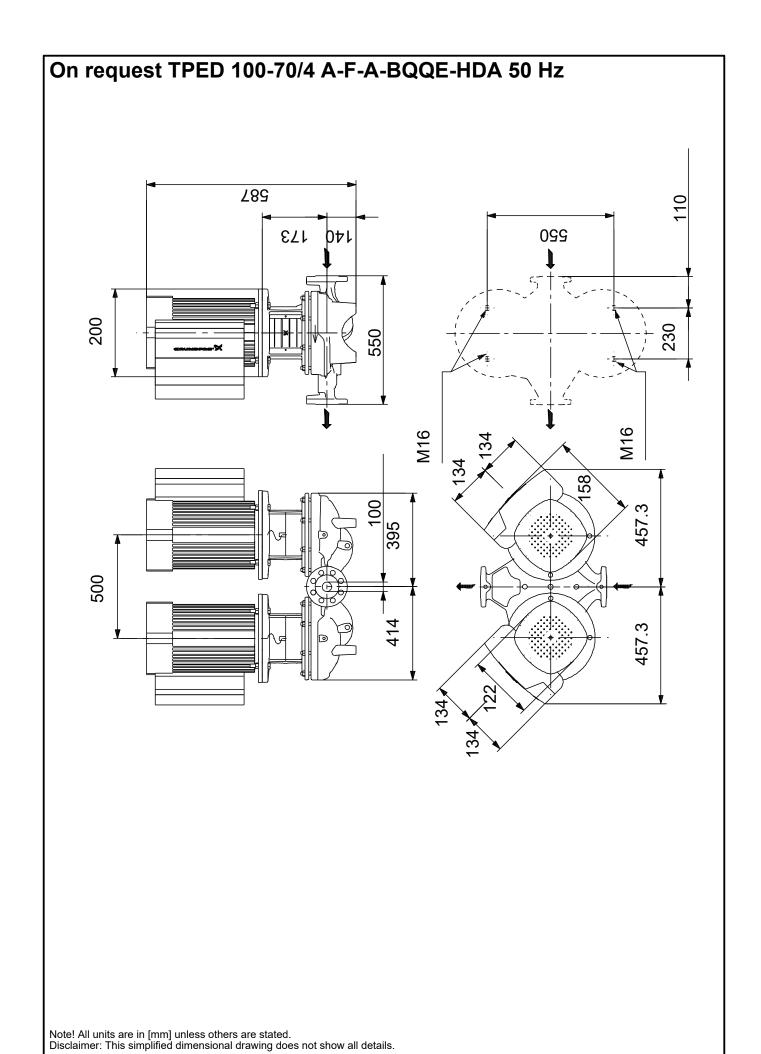
Electrical data:

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

Description Qty. 2.90-2.50 A Rated current: Cos phi - power factor: 0.93 Rated speed: 180-2000 rpm Efficiency: 88.0% Motor efficiency at full load: 88.0 % Number of poles: Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971180 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 179 kg Gross weight: 211 kg Shipping volume: 1.14 m³ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m] TPED 100-70/4, 3*400 V eta [%]
General information:	, 	Pumped liquid = Water
Product name:	TPED 100-70/4	9 Liquid temperature during operation = 20 °C 110 Density = 998.2 kg/m³
r roduct riame.	A-F-A-BQQE-HDA	8
Product No:	On request	
EAN number:	On request	7 - 100 %
Technical:		7 1 100 %
Pump speed on which pump data are based:	1445 rpm	6 90 %
Rated flow:	58 m³/h	
Rated head:	5.4 m	5 - 100
Maximum head:	70 dm	80 %
Actual impeller diameter:	150 mm	4-80
Code for shaft seal:	BQQE	70 %
Curve tolerance:	ISO9906:2012 3B2	3 - 60
		80%
Pump version:	A	2 - 40
Materials:	O4 in	
Pump housing:	Cast iron	1 20
Pump housing:	EN-GJL-250	45%
Pump housing:	ASTM class 35	0
Impeller:	Cast iron	0 20 40 60 80 Q [m³/h]
Impeller:	EN-GJL-200	P [kW] NPSH [m]
Impeller:	ASTM class 30	
Material code:	A	2.0
Installation:		P1 (motor+freq.converter)
Range of ambient temperature:	-20 50 °C	1.5 P2 6
Maximum operating pressure:	16 bar	
Max pressure at stated temp:	16 bar / 120 °C	1.0
Type of connection:	DIN	
Size of connection:	DN 100	0.5
Pressure rating for connection:	PN 16	
Port-to-port length:	550 mm	0.0
Flange size for motor:	FF165	
Connect code:	F	
Liquid:	•	500
Pumped liquid:	Water	
Liquid temperature range:	-25 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:	000.2 Ng/III	
	90LE	100 550
Motor type:	IE5	414 395
IE Efficiency class:	1.5 kW	M16
Rated power - P2:		134
Mains frequency:	50 Hz	122/
Rated voltage:	3 x 380-500 V	
Rated current:	2.90-2.50 A	158
Cos phi - power factor:	0.93	M16
Rated speed:	180-2000 rpm	457.3 457.3 230 110
Efficiency:	88.0%	
Motor efficiency at full load:	88.0 %	
Number of poles:	4	⊠ -
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Built-in motor protection:	ELEC	
Motor No:	98971180	
Controls:		
Control panel:	HMI200 - Standard	01 P 0 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P
Function Module:	FM300 - Advanced	7 POSSONO 2 A A A A A A A A A A A A A A A A A A
Frequency converter:	Built-in	90 - 100 - 1
Others:		2 200 2 200 2 40kc
Minimum efficiency index, MEI ≥:	0.70	40 40 40 40 40 40 40 40 40 40 40 40 40 4
Net weight:	179 kg	
Gross weight:	211 kg	T GONDAY GONDA 9
	1.14 m ³	1 ano 1 any
Shipping volume: Config. file no:	1.14 m ³ 99100755	34V
rionia tile po.	441111755	··· A··· A A □□□···

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



	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		TPED 100-70/4	1	On request	Price on request		
					request		
	I	1	I	<u> </u>			