Qty. | Description

TPED 100-90/4 A-F-A-BQQE-IDA



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: 68.5 m³/h
Rated head: 7.1 m
Actual impeller diameter: 168 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

FS0 mm

FF215

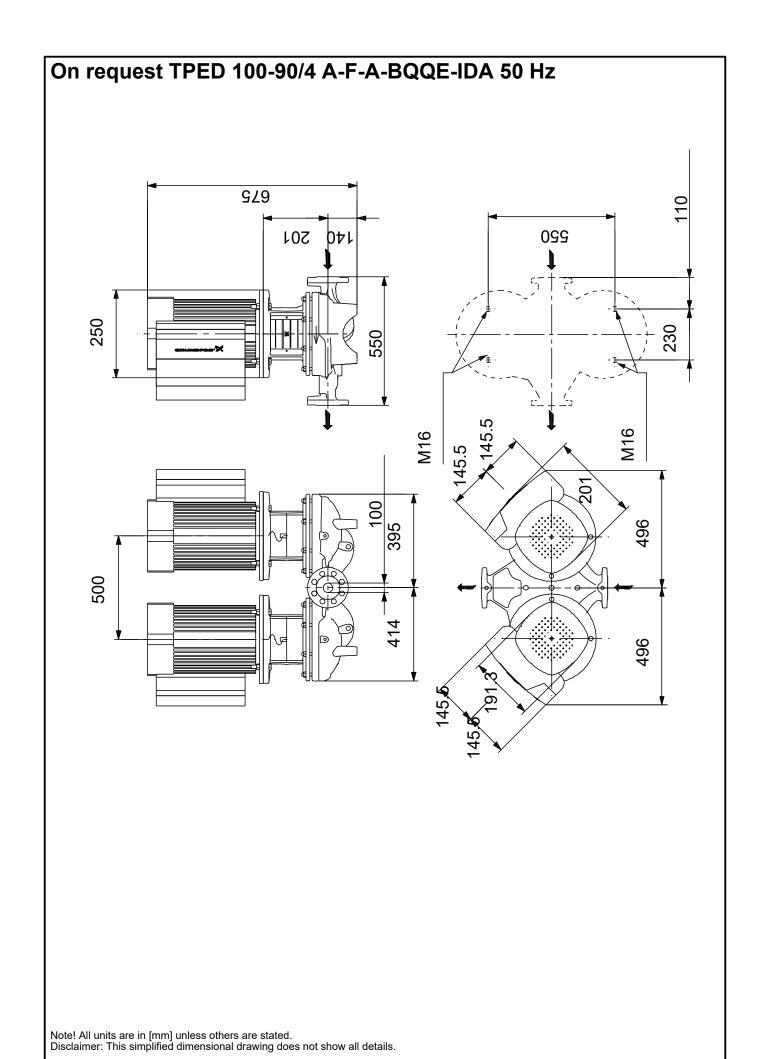
Electrical data:

Motor type: 100LB
IE Efficiency class: IE5
Rated power - P2: 2.2 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V

Description Qty. 4.30-3.60 A Rated current: Cos phi - power factor: 0.90-0.82 Rated speed: 180-2200 rpm Efficiency: 89.1% Motor efficiency at full load: 89.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971181 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 198 kg Gross weight: 229 kg Shipping volume: 1.14 m³ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]	TPED 100-90/4, 3*400 V	eta [%]
General information:	value	_ [,,,]	Pumped liquid = Water	[/0]
	TPED 100-90/4		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
Product name:	A-F-A-BQQE-IDA	11	110 70	
Product No:	On request	10		
EAN number:	On request	_	100 %	
Technical:	•	9 -	100 %	
Pump speed on which pump data are based:	1445 rpm	8	90 %	
Rated flow:	68.5 m³/h	7-		
Rated head:	7.1 m	6	80 %	
Maximum head:	90 dm	_	80 %	
Actual impeller diameter:	168 mm	5	70.07	100
Code for shaft seal:	BQQE	_	70 %	
Curve tolerance:	ISO9906:2012 3B2	4	200	- 80
Pump version:	Α	3		60
Materials:		_ [],		
Pump housing:	Cast iron	2-		- 40
Pump housing:	EN-GJL-250	_ , #/		20
Pump housing:	ASTM class 35	_ ' '	25%	T 20
. •	Cast iron	0		L_{o}
Impeller:			20 40 60 80 100 Q [m³/h]	1 NPSH
Impeller:	EN-GJL-200	P [kW]		MPSH [m]
Impeller:	ASTM class 30	2.5	P1 (motor+freq.converter)	- 25
Material code:	A	_	P2	
Installation:		2.0	FZ.	20
Range of ambient temperature:	-20 50 °C			
Maximum operating pressure:	16 bar	1.5		- 15
Max pressure at stated temp:	16 bar / 120 °C	1.0		10
Type of connection:	DIN	1.0		T 10
Size of connection:	DN 100	0.5		- 5
Pressure rating for connection:	PN 16			
Port-to-port length:	550 mm	0.0		L_o
Flange size for motor:	FF215			
Connect code:	F		500 250	
Liquid:		_		
Pumped liquid:	Water			
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³			
Electrical data:	<u> </u>	_		
Motor type:	100LB		100	
IE Efficiency class:	IE5	_	414 395	
Rated power - P2:	2.2 kW	145.5	M16	
Mains frequency:	50 Hz	— 145.5 191.3	145.5 745.5	
Rated voltage:	3 x 380-500 V	- \ <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		
Rated current:	4.30-3.60 A	− <i>P</i> ₩		
Cos phi - power factor:	0.90-0.82	_ '	201	
Rated speed:	180-2200 rpm	4	96 496 M16	
Efficiency:	89.1%		230 110	
Motor efficiency at full load:	89.1 %			
Number of poles:	4			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F	_ =		
		ре	<u> </u>	
Built-in motor protection:	ELEC		NC CT	
Motor No:	98971181			
Controls:	LIMIOOO Ctanadanii		NO IN	
Control panel:	HMI200 - Standard		10 Protor roto 17 Protor roto 20 10 Ao	
Function Module:	FM300 - Advanced	*26.5	THE RESERVE THE PARTY OF THE PA	
Frequency converter:	Built-in		21 Lk/Tec 20 GNO	
Others:			22 Lights:	
Minimum efficiency index, MEI ≥:	0.70	417	250° 0 0 150° 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Net weight:	198 kg		A GENERA A Y GENERA Y GENERA Y	
Gross weight:	229 kg		II Localition II	
Shipping volume:	1.14 m³	_	3 - 34 V 3 - 5 V 27 (MIX)	
			THE GREAT	
Config. file no:	99100729	***********************	Ф Ф Ф Ф 7 200 RX	

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



Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		TPED 100-90/4	1	On request	Price or request		
					request		