Qty. | Description

1 TPED 50-290/2 A-F-A-BQQE-JDB



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: 2910 rpm

Rated flow: 23.3 m³/h
Rated head: 23.4 m
Actual impeller diameter: 142 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 50

PN 16

340 mm

Flange size for motor:

FF215

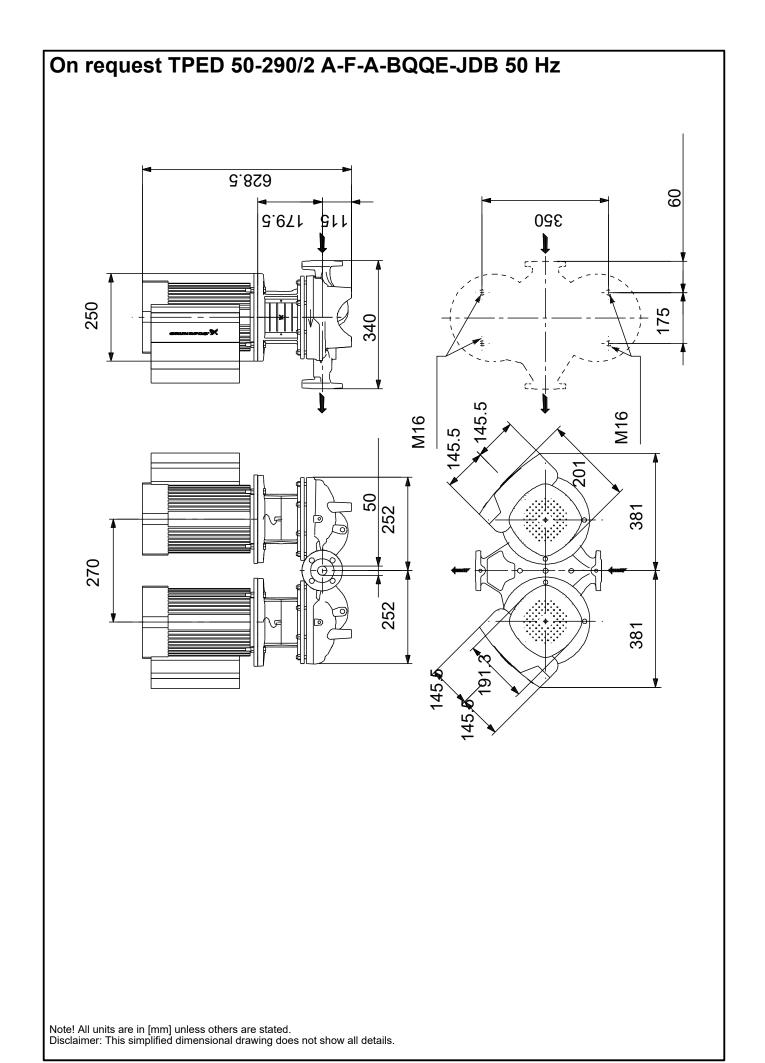
Electrical data:

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

Description Qty. 5.80-4.80 A Rated current: Cos phi - power factor: 0.91-0.86 Rated speed: 360-4000 rpm Efficiency: 90.7% Motor efficiency at full load: 90.7 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971186 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 113 kg Gross weight: 134 kg Shipping volume: $0.518 \; m^3$ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]	TPED 50-290/2, 3*400 V	eta [%]
General information:	¥ ui u c		Pumped liquid = Water] [1.5]
Product name:	TPED 50-290/2 A-F-A-BQQE-JDB		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
Product No:	On request	35110	%	
EAN number:	On request	_		
Technical:	On request	30		
Pump speed on which pump data are based:	2910 rpm	100 9	%	
Rated flow:	23.3 m³/h	25 - 90 %		100
Rated head:	23.4 m			
Maximum head:	290 dm	20 - 20 %		80
		80 %		
Actual impeller diameter:	142 mm	15 - 70 %		- 60
Code for shaft seal:	BQQE	104		Ī
Curve tolerance:	ISO9906:2012 3B2	60 %		
Pump version:	A	10 - # ///		40
Materials:		50/4/		
Pump housing:	Cast iron	5 - 40		20
Pump housing:	EN-GJL-250	100		
Pump housing:	ASTM class 35	0		L_{o}
Impeller:	Cast iron	0	5 10 15 20 25 Q [m³/h]	
Impeller:	EN-GJL-200	P [kW]		NPSH [m]
Impeller:	ASTM class 30	[[,,,,]]	P1 (motor+freq.converter)	ł "",
Material code:	A	3.0		-6
Installation:			P2	
Range of ambient temperature:	-20 50 °C	2.5 -		-5
Maximum operating pressure:	16 bar	2.0		- 4
Max pressure at stated temp:	16 bar / 120 °C	1.5		_3
Type of connection:	DIN	1.0		
Size of connection:	DN 50	1.0		-2
Pressure rating for connection:	PN 16	0.5		1
Port-to-port length:	340 mm	0.0		Lo
Flange size for motor:	FF215	0.0		L 0
Connect code:	F		0.00	
	Г		270 250	
Liquid:	Water			
Pumped liquid:				
Liquid temperature range:	-25 120 °C	Щ	<u> </u>	
Selected liquid temperature:	20 °C		143 143 143 143 143 143 143 143 143 143	
Density:	998.2 kg/m³			
Electrical data:			50 340	
Motor type:	100LA	252	252	
IE Efficiency class:	IE5		M16	
Rated power - P2:	3 kW	145.5	145.5	
Mains frequency:	50 Hz	191/3	145.5	
Rated voltage:	3 x 380-500 V			
Rated current:	5.80-4.80 A		201 " "	
Cos phi - power factor:	0.91-0.86		M16 A 1	
Rated speed:	360-4000 rpm	381	381	
Efficiency:	90.7%		1173 4 50	
Motor efficiency at full load:	90.7 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	IP55		<u>₹</u>	
Insulation class (IEC 85):	F	L2 L3		
Built-in motor protection:	ELEC		Ø (4)	
Motor No:	98971186		GT 100 100 100 100 100 100 100 100 100 10	
Controls:			TO	
Control panel:	HMI200 - Standard	*de V° OC	3 GNO 171 DIANCS 171 D	
Function Module:	FM300 - Advanced		17 P+1001+1000 12 AO	
Frequency converter:	Built-in			
Others:	Dunt-in		21 Lujiu 20 Geo	
	0.70	-de tr. CC	90 01 13 pance	
Minimum efficiency index, MEI ≥:	0.70		2 0H 3 SW 5 SW	
Net weight:	113 kg		AT GENhan A Y GENhan Y B GENhan B	
O	127 12			
Gross weight:	134 kg		55 +24 V	
Gross weight: Shipping volume: Config. file no:	0.518 m³ 99100549		5 -24V 1 -24V 3 -45V 27 (90)	

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



	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		TPED 50-290/2	1	On request	Price or reques			
					reques			