Qty. | Description

1 TPED 50-290/2 S-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.

The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.

The pump is fitted with a differential pressure sensor.

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

FF215

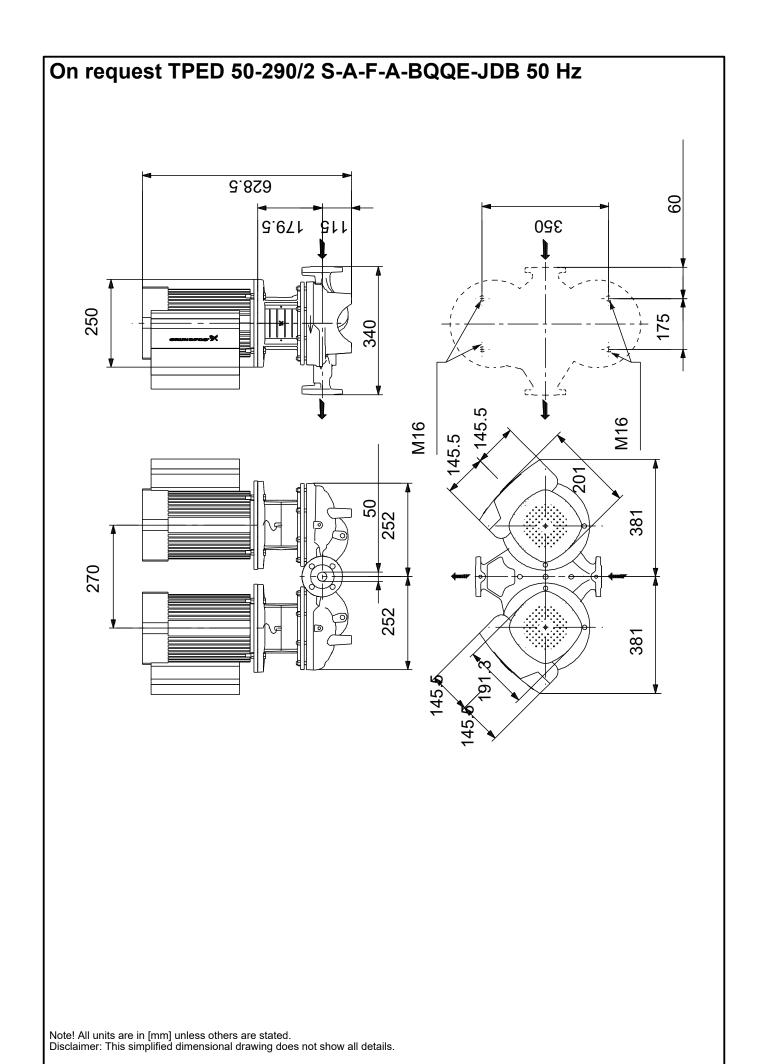
Electrical data:

Motor type: 100LA IE Efficiency class: IE5

Qty. Description Rated power - P2: 3 kW 50 Hz Mains frequency: 3 x 380-500 V Rated voltage: Rated current: 5.80-4.80 A 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: 98971269 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:	7 4.445		Pumped liquid = Water
	TPED 50-290/2		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
Product name:	S-A-F-A-BQQE-JDB		Density = 990.2 kg/m
Product No:	On request	35 -	110 %
EAN number:	·		
	On request		
Technical:		30 -	100 %
Pump speed on which pump data are based:	² 2910 rpm		
	00.0 3//-	25 -	90 %
Rated flow:	23.3 m³/h		90 76
Rated head:	23.4 m	20 -	80
Maximum head:	290 dm	20 -	80 %
Actual impeller diameter:	142 mm		
Code for shaft seal:	BQQE	15 -	70 %
Curve tolerance:	ISO9906:2012 3B2		
Pump version:	Α	10 -	60 %
Materials:			
Pump housing:	Cast iron		
. •		5_	20
Pump housing:	EN-GJL-250		76
Pump housing:	ASTM class 35		
Impeller:	Cast iron	0	5 10 15 20 25 Q [m³/h]
Impeller:	EN-GJL-200	P [kW]	NPS [m
Impeller:	ASTM class 30	[KVV]	P1 (motor+freq.converter)
Material code:	A	3.0	-6
Installation:			P2
Range of ambient temperature:	-20 50 °C	2.5 -	-5
		2.0	4
Maximum operating pressure:	16 bar		
Max pressure at stated temp:	16 bar / 120 °C	1.5 -	3
Type of connection:	DIN	1.0	2
Size of connection:	DN 50		
Pressure rating for connection:	PN 16	0.5	1
Port-to-port length:	340 mm	0.0	
Flange size for motor:	FF215		
Connect code:	F	8	270 250
Liquid:	'		270
	10/-4	— п	┰╫╗╒╫ ╗ ╖╶ ╓╤ ╫┰╫ ┈ ╸
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C	E	\$25 P. S.
Density:	998.2 kg/m³		
Electrical data:			
Motor type:	100LA		50 340
IE Efficiency class:	IE5		252 252
Rated power - P2:	3 kW	145.5	M16
Mains frequency:	50 Hz	145.5	145.5
Rated voltage:	3 x 380-500 V		
Rated current:	5.80-4.80 A		20)
Cos phi - power factor:	0.91-0.86		M16
Rated speed:	360-4000 rpm	-	381 381 175 60
Efficiency:	90.7%		173 00
Motor efficiency at full load:	90.7 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	IP55		
		12	
Insulation class (IEC 85):	F	PE	<u></u> —
Built-in motor protection:	ELEC		
Motor No:	98971269		
Controls:			
Control panel:	HMI300 - Advanced		11 DARGOS 12 PROSINOS
Function Module:	FM300 - Advanced		1 / Prince 2000
Frequency converter:	Built-in		
Others:	_ with 111		7 8 Lafac 7 Gold 7 Gold
	0.70		der C G G G G G G G G G G G G G G G G G G
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	113 kg		A GENERAL A Y GENERAL Y
Gross weight:	134 kg		B GCNbas B T GNO TS 2-24 V
Shipping volume:	0.518 m³		T day
· -			
Config. file no:	99137018	-24	34V 🗘 44V 🖟 44V 54V 64V 64V 64V 64V 64V 64V 64V 64V 64V 6

Description	Value	
Description Country of origin:	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			