Qty. | Description

TPED 50-360/2 A-F-A-BQQE-KDB



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: 2920 rpm

Rated flow: 29 m³/h
Rated head: 24.1 m
Actual impeller diameter: 163 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

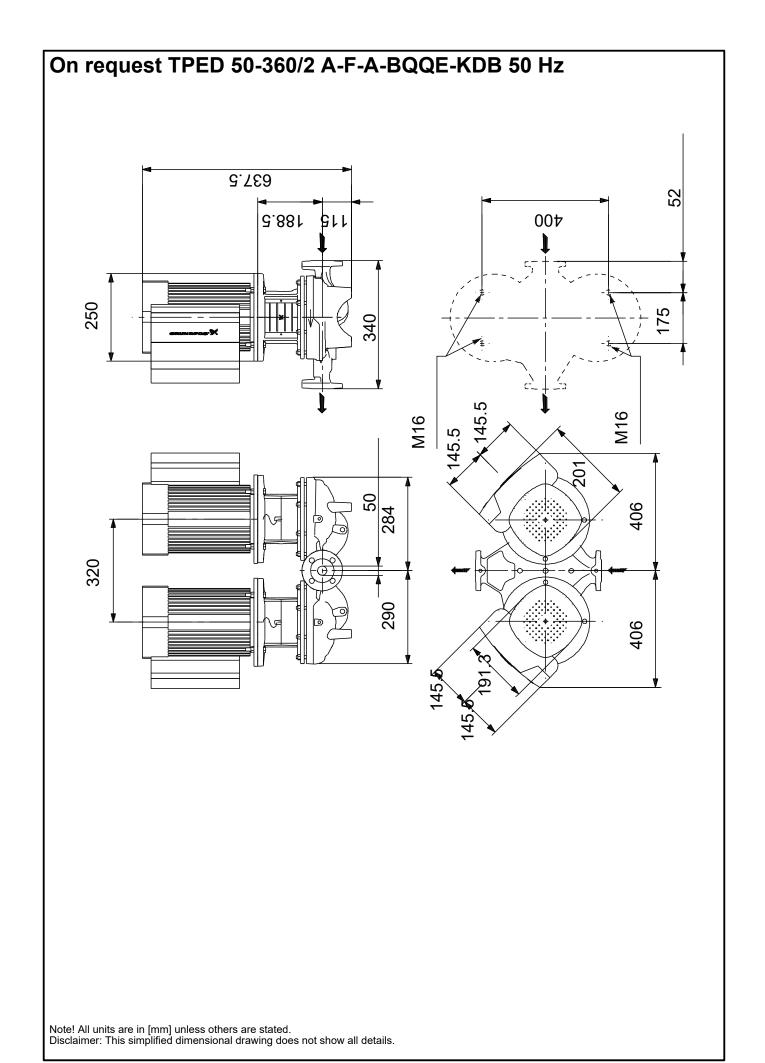
Electrical data:

Motor type: 112MC
IE Efficiency class: IE5
Rated power - P2: 4 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V

Description Qty. 7.60-6.20 A Rated current: Cos phi - power factor: 0.92-0.87 Rated speed: 360-4000 rpm Efficiency: 92.2% Motor efficiency at full load: 92.2 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971187 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 122 kg Gross weight: 142 kg Shipping volume: $0.518 \; m^3$ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]		TPED 50-360/2, 3*400 V	eta [%]
General information:				Pumped liquid = Water Liquid temperature during operation = 20 °C	100
Product name:	TPED 50-360/2 A-F-A-BQQE-KDB	45		Density = 998.2 kg/m ³	- 90
Product No:	On request		110 %		
EAN number:	On request	40 -			- 80
Technical:	•		100 %		
Pump speed on which pump data are based:	2920 rpm	35			- 70
Rated flow:	29 m³/h	30 - 9	0 %		- 60
Rated head:	24.1 m	05			50
Maximum head:	360 dm	25 - 8	9%///		- 50
Actual impeller diameter:	163 mm	20/			40
Code for shaft seal:	BQQE	207	P/4//////		Γ
Curve tolerance:	ISO9906:2012 3B2	15			30
Pump version:	A				
Materials:		10 -			20
Pump housing:	Cast iron		//。		
Pump housing:	EN-GJL-250	5 -	,		10
Pump housing:	ASTM class 35		/p		
Impeller:	Cast iron	0 1	5 1	0 15 20 25 30 Q [m³/h]	⊥₀
Impeller:	EN-GJL-200		- '		NPSH
Impeller:	ASTM class 30	[kW]			[m]
Material code:	Α	5 -		P1 (motor+freq.converter)	10
Installation:		4 -		(moor noquomenor)	-8
Range of ambient temperature:	-20 50 °C			P2	
Maximum operating pressure:	16 bar	3 -			-6
Max pressure at stated temp:	16 bar / 120 °C				
Type of connection:	DIN	2-			- 4
Size of connection:	DN 50				
Pressure rating for connection:	PN 16	1 			-2
Port-to-port length:	340 mm	0			Lo
Flange size for motor:	FF215				
Connect code:	F	#	320	250	
Liquid:	•		520	1	
Pumped liquid:	Water				
Liquid temperature range:	-25 120 °C				
Selected liquid temperature:	20 °C			\$ 5.55 \$ 2.55 \$ 2.55	
Density:	998.2 kg/m³				
Electrical data:		_ 5			
Motor type:	112MC			50 340	
IE Efficiency class:	IE5	-	290 28	M16	
Rated power - P2:	4 kW	145.5	t	145.5	
Mains frequency:	50 Hz	145.5	XXX	145.5	
Rated voltage:	3 x 380-500 V	— \			
Rated current:	7.60-6.20 A				
Cos phi - power factor:	0.92-0.87		* 5#C~	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Rated speed:	360-4000 rpm	4(06 4	06 M16	
Efficiency:	92.2%	·		175 52	
Motor efficiency at full load:	92.2 %				
Number of poles:	2				
Enclosure class (IEC 34-5):	IP55			:·	
Insulation class (IEC 85):	F	2 -		13	
Built-in motor protection:	ELEC	PE		Ø⊕	
Motor No:	98971187			0	
Controls:				NO 100 100 100 100 100 100 100 100 100 10	
Control panel:	HMI200 - Standard		-01 V OC EI	10 GND 11 DINCO2 11 DINCO2 12 PRO01900	
Function Module:	FM300 - Advanced		Taux (17 Principaco 12 Ao 30 MA	
Frequency converter:	Built-in		Ф <u>тф</u> ф <u>ттф</u>	© 1 m m m m m m m m m m m m m m m m m m	
Others:	Jan. III		60	21 Lighte 20 GND 22 Lighte	
Minimum efficiency index, MEI ≥:	0.70		000 000 000 000 000 000 000 000 000 00	10 bases 4 / Ms 2 Ds	
Net weight:	122 kg			5 45 V 3 GNOs A	
Gross weight:	142 kg			Y GENBAR Y B GENBAR B	
Shipping volume:	0.518 m ³			3 GMO 5 924 V 8 444 V	
Config. file no:	99100550	-MV- [-	l vave	25 also TX	
Comig. IIIe 110.	22 100000	— •		24 GDS RX	

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



	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		TPED 50-360/2	1	On request	Price on request			
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