## Qty. | Description

## 1 TPED 50-360/2 S-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.

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: 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: DIN
Size of connection: DN 50
Pressure rating for connection: PN 16
Port-to-port length: 340 mm
Flange size for motor: FF215

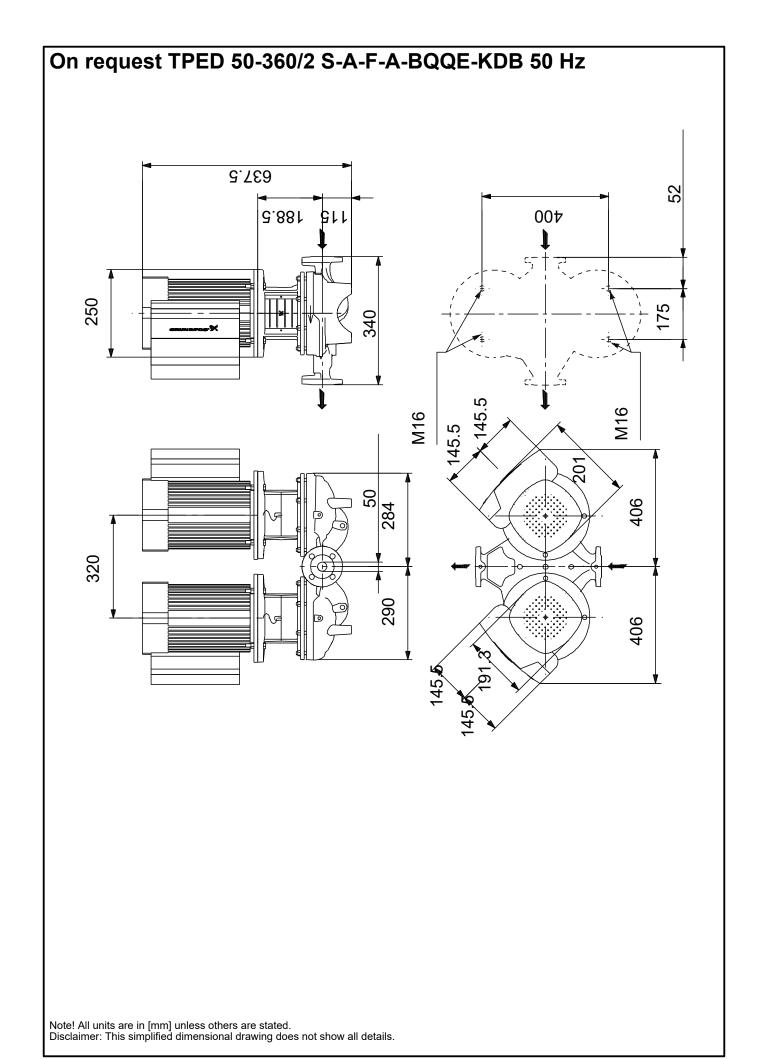
Electrical data:

Motor type: 112MC IE Efficiency class: IE5

## Qty. Description Rated power - P2: 4 kW 50 Hz Mains frequency: 3 x 380-500 V Rated voltage: Rated current: 7.60-6.20 A 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: 98971270 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 122 kg 146 kg Gross weight: Shipping volume: $0.65 \text{ m}^{3}$ 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 S-A-F-A-BQQE-KDB	45 -	Density = 998.2 kg/m³	90
Product No:	On request	110	%	
EAN number:	On request	40 -		- 80
Technical:	- I Toquost	100 9	%	
Pump speed on which pump data are based:	<sup>2920</sup> rpm	35 -	70	70
Rated flow:	29 m³/h	30 - 90 %		- 60
Rated flow.	24.1 m			
Maximum head:	24.1 m 360 dm	25 - 80/%		<b>-</b> 50
			H//////	
Actual impeller diameter:	163 mm	20 - 10/6/		40
Code for shaft seal:	BQQE			
Curve tolerance:	ISO9906:2012 3B2	15 - 60		30
Pump version:	A			20
Materials:		10 - 10		20
Pump housing:	Cast iron	5		10
Pump housing:	EN-GJL-250	5 <b>-</b>		T 10
Pump housing:	ASTM class 35	0 %		$\perp_{0}$
Impeller:	Cast iron	0 5	10 15 20 25 30 Q [m³/h]	-
Impeller:	EN-GJL-200	P [kW]		NPSH [m]
Impeller:	ASTM class 30	5 <b>-</b>		[m] - 10
Material code:	A		P1 (motor+freq.converter)	[
Installation:		4 -		-8
Range of ambient temperature:	-20 50 °C		F2	
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			
		1		-2
Pressure rating for connection:	PN 16			
Port-to-port length:	340 mm	0 🗷		上0
Flange size for motor:	FF215	<del>8</del>		
Connect code:	F		320 250	
Liquid:			<u> </u>	
Pumped liquid:	Water		aa' banan'†'annan'	
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³	لــُــلـــ		
Electrical data:			√919\~¬¬¬	
Motor type:	112MC		50 340	
IE Efficiency class:	IE5	290	284 M16	
Rated power - P2:	4 kW	145.5	145.5	
Mains frequency:	50 Hz	145.5	145.5	
Rated voltage:	3 x 380-500 V			
Rated current:	7.60-6.20 A	— <i> </i>		
Cos phi - power factor:		\\	201	
	0.92-0.87	406	406 M16	
Rated speed:	360-4000 rpm	= +00	175 52	
Efficiency:	92.2%		<del>- 21 - 12 - 12</del>	
Motor efficiency at full load:	92.2 %			
Number of poles:	2		-	
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F	13		
Built-in motor protection:	ELEC		Ø⊕ <u>~</u>	
Motor No:	98971270		[C]	
Controls:			22	
Control panel:	HMI300 - Advanced	-00 V*-00	13 DIACC 117 DIACCS 16 Priss 1900	
Function Module:	FM300 - Advanced		17 Prisorioso 21 Ao 3 GNO	
Frequency converter:	Built-in			
Others:	Dalicin		27 Lights 20 days	
	0.70			
Minimum efficiency index, MEI ≥:	0.70		2 OH 	
Net weight:	122 kg		A GENDAN A Y GENDAN Y B GENDAN B	
Gross weight:	146 kg		3 GNO 3 44 V	
	0.053		± +24 V	
Shipping volume: Config. file no:	0.65 m³ 99247884		27 -5V 27 OND	

Description	Value	
Description Country of origin:	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			
					requesi			
		I						