Qty. | Description

1 TPED 50-430/2 A-F-A-BQQE-LDB



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: 32.7 m³/h
Rated head: 29.6 m
Actual impeller diameter: 177 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:

FF265

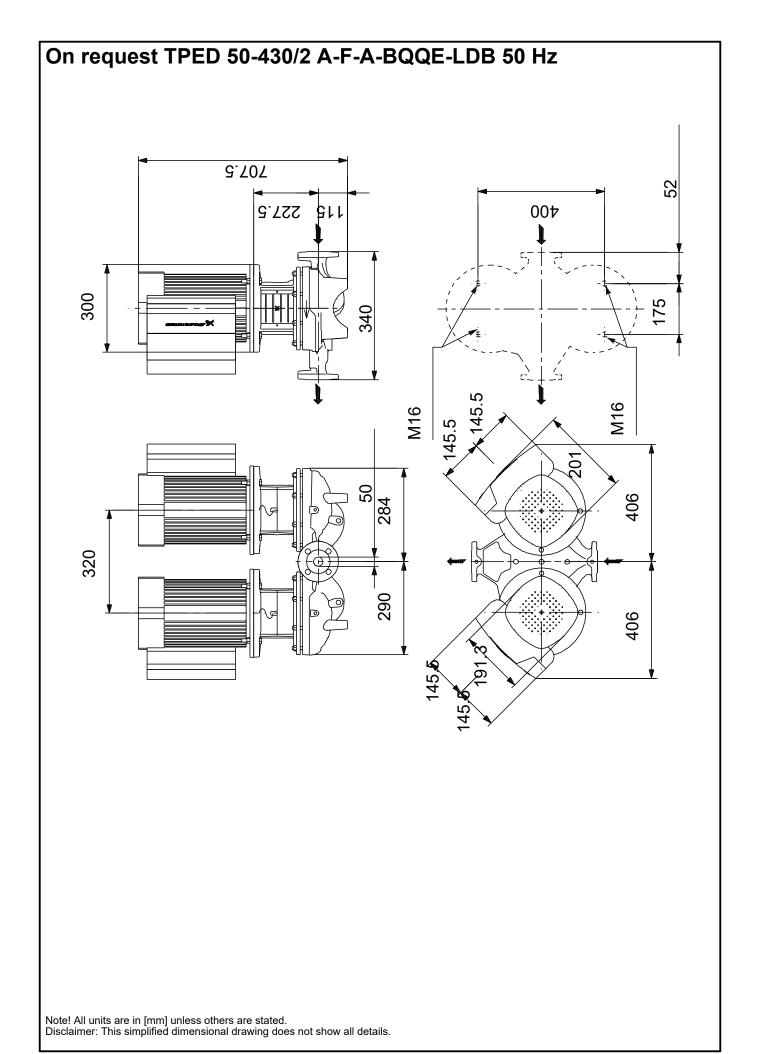
Electrical data:

Motor type: 132SE
IE Efficiency class: IE5
Rated power - P2: 5.5 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V

Description Qty. Rated current: 10.3-8.20 A 0.92-0.88 Cos phi - power factor: Rated speed: 360-4000 rpm Efficiency: 92.7% Motor efficiency at full load: 92.7 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971079 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 163 kg Gross weight: 184 kg Shipping volume: $0.518 \; m^3$ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]	TPED 50-430/2, 3*400 V	eta [%]
General information:	value	_ [,]	Pumped liquid = Water	[70]
	TPED 50-430/2	-	Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
Product name:	A-F-A-BQQE-LDB	55		
Product No:	On request	50	110 %	_ 100
EAN number:	On request	-		
Technical:	- '	45	100 %	- 90
Pump speed on which pump data are	2920 rpm	40		-80
based:	2920 Ipili			- 55
Rated flow:	32.7 m³/h	35 🗕	90 %	- 70
Rated head:	29.6 m			
Maximum head:	430 dm	30 -	80 %	- 60
Actual impeller diameter:	177 mm	25		- 50
Code for shaft seal:	BQQE	-	10 % //	
Curve tolerance:	ISO9906:2012 3B2	20 -		- 40
		15	bd Marie Control	-30
Pump version:	A	10-		- 30
Materials:		10 -		- 20
Pump housing:	Cast iron	_ #		
Pump housing:	EN-GJL-250	5 -	\$ %	- 10
Pump housing:	ASTM class 35	_ 0		_0
Impeller:	Cast iron	0	5 10 15 20 25 30 35 Q [m ³ /h]	
Impeller:	EN-GJL-200	P [kW]		NPSH [m]
Impeller:	ASTM class 30	[[,,,,]]		ا ^{رازان} ا
Material code:	A	6	P1 (motor+freq.converter)	- 12
Installation:		_	- PO	
Range of ambient temperature:	-20 50 °C	_ 5		- 10
Maximum operating pressure:	16 bar	4		-8
Max pressure at stated temp:	16 bar / 120 °C	3		-6
Type of connection:	DIN	_		-0
Size of connection:	DN 50	2 -		- 4
		- 1		-2
Pressure rating for connection:	PN 16	_ ` [
Port-to-port length:	340 mm	0 🞩		Lo
Flange size for motor:	FF265			
Connect code:	F		320	
Liquid:				
Pumped liquid:	Water			
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C		2022	
Density:	998.2 kg/m³			
Electrical data:				
Motor type:	132SE		50 340	
IE Efficiency class:	IE5		290 284 M16	
Rated power - P2:	5.5 kW	145.		
Mains frequency:	50 Hz	145.5	145.5	
Rated voltage:	3 x 380-500 V	- 💢		
Rated current:	10.3-8.20 A	- ^		
Cos phi - power factor:	0.92-0.88		201	
		_	406 406 M16	
Rated speed:	360-4000 rpm	-	175 52	
Efficiency:	92.7%			
Motor efficiency at full load:	92.7 %			
Number of poles:	2		<u>.</u>	
Enclosure class (IEC 34-5):	IP55	L1		
Insulation class (IEC 85):	F	L3 _ PE _		
Built-in motor protection:	ELEC		∅ (⊕)	
Motor No:	98971079		100 100 100 100 100 100 100 100 100 100	
Controls:			D 00	
Control panel:	HMI200 - Standard		- 1 June 2 June	
Function Module:	FM300 - Advanced		1 00000000	
Frequency converter:	Built-in		1 00 1 00	
Others:	****		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	0.70		41V 000 10 10 10 10 10 10 10 10 10 10 10 10	
Minimum efficiency index MELS:	11 111		-0 -0 0	
Minimum efficiency index, MEI ≥:				
Net weight:	163 kg		A GONDAN A Y GENDAN Y B GENDAN B	
Net weight: Gross weight:	163 kg 184 kg		J COURSE Y COURSE Y COURSE B C	
Net weight:	163 kg		7 SSBma Y T SSBma Y T SSBm B T SSV 34 V 74 V	

Country of origin: Custom tariff no: B4137085	Description	Value
Custom tariff no: 84137085	Description Country of origin:	HU
	Custom tariff no.:	84137065



		Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total				
		TPED 50-430/2	1	On request	Price or reques				
					reques				