Qty. | Description

1 TPED 100-65/4 A-F-A-BQQE-GDA



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: 1445 rpm

Rated flow: 54.82 m³/h
Rated head: 4.6 m
Actual impeller diameter: 139 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 100

PN 16

550 mm

Flange size for motor:

FF165

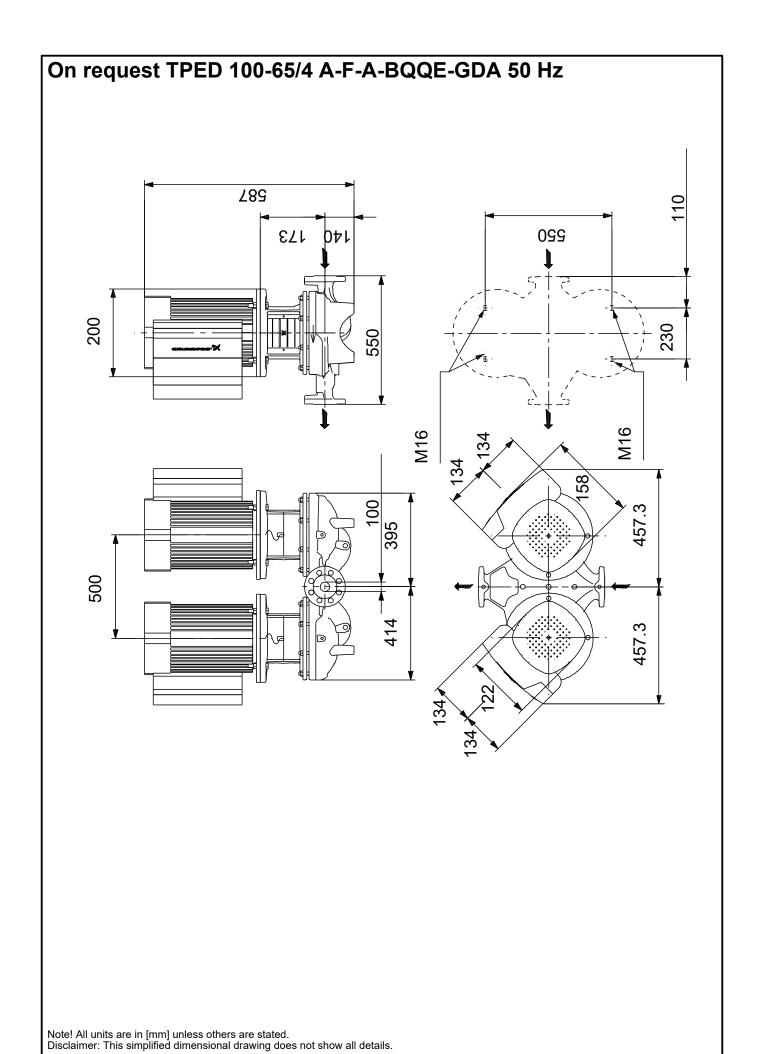
Electrical data:

Motor type: 90SD
IE Efficiency class: IE5
Rated power - P2: 1.1 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-500 V

Description Qty. 2.30-2.10 A Rated current: Cos phi - power factor: 0.90-0.74 Rated speed: 180-2000 rpm Efficiency: 87.2% Motor efficiency at full load: 87.2 % Number of poles: Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98534641 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 176 kg Gross weight: 208 kg Shipping volume: 1.14 m³ Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPED 100-65/4, 3*400 V eta [%]
General information:	Tuluo		Pumped liquid = Water
Product name:	TPED 100-65/4	7.5	Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
Floudet Haille.	A-F-A-BQQE-GDA	7.0	110 %
Product No:	On request	6.5	
EAN number:	On request		
Technical:		6.0	100 %
Pump speed on which pump data are	4.4.4.5	5.5	
based:	1445 rpm	5.0	100
Rated flow:	54.82 m³/h	4.5	90 %
Rated head:	4.6 m		
		4.0	80 %
Maximum head:	65 dm	3.5	-70
Actual impeller diameter:	139 mm	3.0	70 %
Code for shaft seal:	BQQE	2.5	50
Curve tolerance:	ISO9906:2012 3B2		60 %/
Pump version:	A	2.0	40
Materials:		1.5	50 %//
Pump housing:	Cast iron	1.0	40 %
Pump housing:	EN-GJL-250		
Pump housing:	ASTM class 35	0.5	28
Impeller:	Cast iron	0.0	0 10 20 30 40 50 Q [m³/h]
Impeller:	EN-GJL-200	— Р	NPSH
Impeller:	ASTM class 30	P [W]	[m]
Material code:			P1 (motor+freq.converter)
	A	1200	3.0
Installation:	00 50 00	1000	2.5
Range of ambient temperature:	-20 50 °C	200	2.0
Maximum operating pressure:	16 bar	800.	-2.0
Max pressure at stated temp:	16 bar / 120 °C	600	1.5
Type of connection:	DIN	400	1.0
Size of connection:	DN 100		
Pressure rating for connection:	PN 16	200	-0.5
Port-to-port length:	550 mm	0.	0.0
Flange size for motor:	FF165		
Connect code:	F		500 200
Liquid:	•		300
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
	-25 120 °C		
Selected liquid temperature:			
Density:	998.2 kg/m³		
Electrical data:			Or Total
Motor type:	90SD		414 395
IE Efficiency class:	IE5		M16
Rated power - P2:	1.1 kW	134	1 134
Mains frequency:	50 Hz	134	次
Rated voltage:	3 x 380-500 V		
Rated current:	2.30-2.10 A	— <u> </u>	
Cos phi - power factor:	0.90-0.74		158
Rated speed:	180-2000 rpm		457.3 M16
Efficiency:	87.2%		230 110
Motor efficiency at full load:	87.2 %		· · · · · · · · · · · · · · · · · · ·
-			
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F	13 PE	
Built-in motor protection:	ELEC		
Motor No:	98534641		™ ™
Controls:			11 (AID
Control panel:	HMI200 - Standard		11 DARCE 11 PROPERTIES
Function Module:	FM300 - Advanced		1 PO 100
Frequency converter:	Built-in		
Others:			27 Luftec
Minimum efficiency index, MEI ≥:	0.70		00 T 00001
		<u>=</u>	
Net weight:	176 kg		A CGNBM A V GGNBM Y 8 GGNBM B
Gross weight:	208 kg		3 Gao 3 -34V
Shipping volume:	1.14 m³		1 -34V -34V -77 (see
Config. file no:	98478703		

Description:	Walter		
Description Country of origin:	Value HU		
Custom tariff no.:	84137051		



	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		TPED 100-65/4	1	On request	Price or request			
					request			