Qty. | Description

TPE3 D 65-60 S-A-F-A-BQQE-DAB



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 6/10 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 combined temperature- and 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: 2400 rpm

Rated flow: 18.7 m³/h
Rated head: 3.4 m
Actual impeller diameter: 78 mm
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B2

Materials:

Impeller:

Pump housing: Cast iron

EN-GJL-250 ASTM class 35

Composite

PES+30% GF

Installation:

Range of ambient temperature: -20 .. 50 °C Maximum operating pressure: 10 bar

Max pressure at stated temp: 10 bar / 120 °C

Type of connection:

Size of connection:

Pressure rating for connection:

Port-to-port length:

Flange size for motor:

DN 65

PN 6/10

340 mm

56C

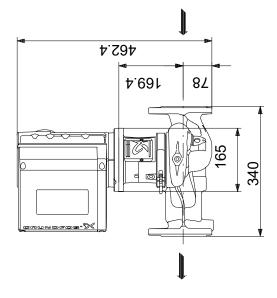
Electrical data:

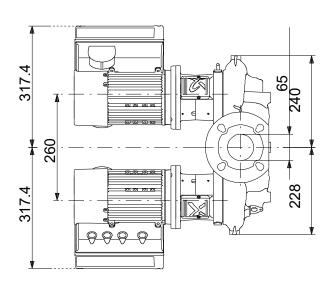
Motor type: 71A
IE Efficiency class: IE5
Rated power - P2: 0.37 kW

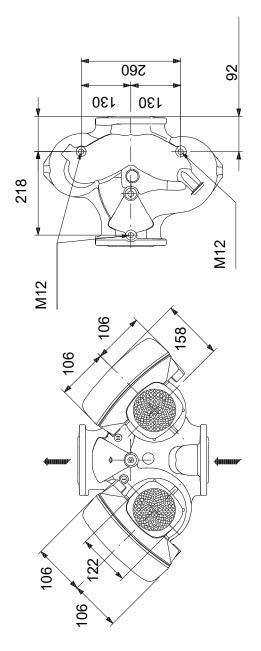
Qty. Description Mains frequency: 50 Hz Rated voltage: 1 x 200-240 V Rated current: 2.40-2.10 A Cos phi - power factor: 0.96 Rated speed: 360-4000 rpm Efficiency: 84.0% Motor efficiency at full load: 84.0 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99137984 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 51.5 kg Gross weight: 64.8 kg Shipping volume: $0.252 \; m^3$ Country of origin: HU Custom tariff no.: 84137065

Description	Value	H [m]	TPE3 D 65-60, 1*230 V	
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C	
Product name:	TPE3 D 65-60 S-A-F-A-BQQE-DAB	5.0 -	Density = 998.2 kg/m³	
Product No:	On request	4.5	170	
EAN number:	On request	7.0		
Technical:		4.0		
Pump speed on which pump data are based:	2400 rpm	3.5	76	
Rated flow:	18.7 m³/h	00.00		
Rated head:	3.4 m	3.0 - 80 %		
Maximum head:	60 dm			
		2.5 - 70 %		- 10
Actual impeller diameter:	78 mm	2.0		_80
Code for shaft seal:	BQQE	60 %		F°
Curve tolerance:	ISO9906:2012 3B2	1.5		60
Pump version:	A	50/%/		
Materials:		1.0 -		40
Pump housing:	Cast iron	40/1		
Pump housing:	EN-GJL-250	0.5 -		- 20
Pump housing:	ASTM class 35		11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	
Impeller:	Composite	0.0	5 10 15 20 25 Q [m³/h]	Ļο
Impeller:	PES+30% GF	P [W]	20 20 4 [11/11]	1
Material code:	A	[W]		F
Installation:		350		L 14
Range of ambient temperature:	-20 50 °C		P1 (motor+freq.converter)	
		300 -	T T (motor medicenvente)	12
Maximum operating pressure:	10 bar	250 -	P2	- 10
Max pressure at stated temp:	10 bar / 120 °C	200		8
Type of connection:	DIN	150		6
Size of connection:	DN 65			
Pressure rating for connection:	PN 6/10	100 -		-4
Port-to-port length:	340 mm	50		-2
Flange size for motor:	56C	0		L٥
Connect code:	F			
Liquid:		317.4	317.4	
Pumped liquid:	Water		260	
Liquid temperature range:	-25 120 °C			
Selected liquid temperature:	20 °C		: \	
Density:	998.2 kg/m³			
Electrical data:	990.2 kg/III			
	74.0			
Motor type:	71A	#17/2	65	
IE Efficiency class:	IE5	228	240 340	
Rated power - P2:	0.37 kW			
Mains frequency:	50 Hz		218	
Rated voltage:	1 x 200-240 V	106	M12	
Rated current:	2.40-2.10 A	106 122	106	
Cos phi - power factor:	0.96			
Rated speed:	360-4000 rpm			
Efficiency:	84.0%		130	
Motor efficiency at full load:	84.0 %		M12 92	
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F			
Built-in motor protection:	ELEC			
Motor No:	99137984	, <u> </u>		
Controls:			NC NC	
Control panel:	HMI300 - Graphical		NO.	
Function Module:	FM300 - Advanced		No.	
Frequency converter:	Built-in	*26 V***********************************	51 18 (MD) 17 (MD) 19 (MD)	
Others:			17 Pricerioco 12 Ao Can Can	
Minimum efficiency index, MEI ≥:	0.70		AD ORD	
Net weight:	51.5 kg		21 Lique 20 cmo	
Gross weight:	64.8 kg	-00 V- OC	22 Julyes 10 paper	
=	•	-de v-	341750 01 45V	
Shipping volume:	0.252 m ³		A GENERAL Y	
Config. file no:	98481466		B CENNOR B	
Country of origin:	HU		15 +261 V 6 +261 V	
Custom tariff no.:	84137065			

On request TPE3 D 65-60 S-A-F-A-BQQE-DAB 50 Hz







Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		TPE3 D 65-60	1	On request	Price or request		
					requesi		