Qty. | Description

1 TPE 100-130/4 S-A-F-A-BQQE-KDA



Note! Product picture may differ from actual product

Product No.: On request

Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. 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.

The pump 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).

The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. 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: 1455 rpm

Rated flow: 78.2 m³/h
Rated head: 12.2 m
Actual impeller diameter: 200 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

FF215

Electrical data:

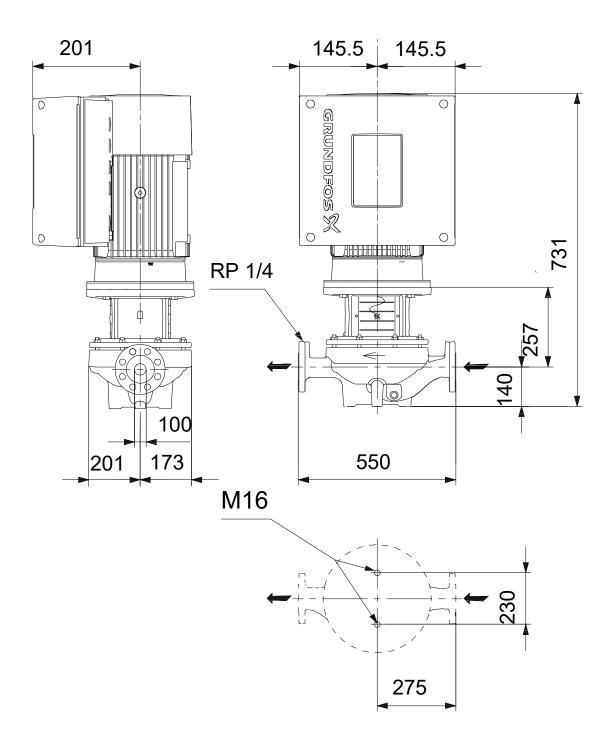
Motor type: 112ME IE Efficiency class: IE5 Rated power - P2: 4 kW

Qty. Description Mains frequency: 50 Hz 3 x 380-500 V Rated voltage: 7.70-6.00 A Rated current: Cos phi - power factor: 0.92-0.87 180-2200 rpm Rated speed: Efficiency: 90.3% Motor efficiency at full load: 90.3 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971266 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 127 kg Gross weight: 146 kg Shipping volume: 0.39 m³ Danish VVS No.: 381956130 Finnish LVI No.: 4616417 Norwegian NRF no.: 9043631 Country of origin: HU Custom tariff no.: 84137051

Description	Value	H [m]	TPE 100-130/4, 3*400 V
General information:	- 3144	E-13	Pumped liquid = Water
Product name:	TPE 100-130/4		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
Product name:	S-A-F-A-BQQE-KDA	40	110 %
Product No:	On request	16	
EAN number:	On request		
Technical:	on roquost	14 -	100 %
Pump speed on which pump data are	1.455 rpm		
based:	1455 rpm	12 -	00.07
Rated flow:	78.2 m³/h		90 %
Rated head:	12.2 m	10 -	100
Maximum head:	130 dm		80 %
		8-	80
Actual impeller diameter:	200 mm		70%
Code for shaft seal:	BQQE	6-	60
Curve tolerance:	ISO9906:2012 3B2		
Pump version:	A	4 📗	40
Materials:		·] #/	40
Pump housing:	Cast iron	2	40 %
Pump housing:	EN-GJL-250	2-	325,%
Pump housing:	ASTM class 35		20 //
Impeller:	Cast iron	0	20 40 60 80 Q[m³/h]
Impeller:	EN-GJL-200	— Р _	NP:
Impeller:	ASTM class 30	[kW]	[n
Material code:	A A A A A A A A A A A A A A A A A A A	5-	P1 (motor+freq.converter)
Installation:	Λ		
	20 50 00	4 -	P2 20
Range of ambient temperature:	-20 50 °C	3	15
Maximum operating pressure:	16 bar		10
Max pressure at stated temp:	16 bar / 120 °C	2	10
Type of connection:	DIN		1,1
Size of connection:	DN 100	1	5
Pressure rating for connection:	PN 16		
Port-to-port length:	550 mm	0	0
Flange size for motor:	FF215		
Connect code:	F		
Liquid:	•	201	145.5 145.5
Pumped liquid:	Water		0 0
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		in regularity
Density:	998.2 kg/m³		RP 1/4
Electrical data:		1	
Motor type:	112ME		
IE Efficiency class:	IE5		100
Rated power - P2:	4 kW	201 1	73 550
Mains frequency:	50 Hz		M16
Rated voltage:	3 x 380-500 V		
Rated current:	7.70-6.00 A		
Cos phi - power factor:	0.92-0.87		
Rated speed:	180-2200 rpm		275
Efficiency:	90.3%		
Motor efficiency at full load:	90.3 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55	12	
Insulation class (IEC 85):	F		<u> </u>
Built-in motor protection:	ELEC		
Motor No:	98971266		™
Controls:			100 D TE OND
Control panel:	HMI300 - Advanced		11 DAGOCI 10 PROMINDO 17 PROMINDO 17 PROMINDO 17 PROMINDO 18 PROMI
Function Module:	FM300 - Advanced	F201 5"	
Frequency converter:	Built-in		1 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Others:			20 OND 21 Lights
Minimum efficiency index, MEI ≥:	0.70	MV .	osv aveze 2 pri
Net weight:	127 kg		T - GU
	=		Y GCN0au Y B GCN0au B
Gross weight: Shipping volume:	146 kg		3 GND 15 JASV 15 JASV
The block would be a second of the second of	0.39 m³		
Config. file no:	99139841		27 GNO

Description	Value
Danish VVS No.:	381956130
Finnish LVI No.:	4616417
Norwegian NRF no.:	9043631
Country of origin:	HU 94127051
Custom tariff no.:	84137051

On request TPE 100-130/4 S-A-F-A-BQQE-KDA 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			
		TPE 100-130/4	1	On request	Price on request			
					requesi			