

Qty. Description

1 TP 100-160/2 A-F-A-BAQE-KW1



Note! Product picture may differ from actual product

Product No.: [96109173](#)

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 asynchronous motor.

Controls:

Frequency converter: None

Liquid:

Pumped liquid: Water
 Liquid temperature range: 0 .. 120 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2950 rpm
 Rated flow: 75.24 m³/h
 Rated head: 13.29 m
 Actual impeller diameter: 120-110 mm
 Primary shaft seal: BAQE
 Code for shaft seal: BAQE
 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

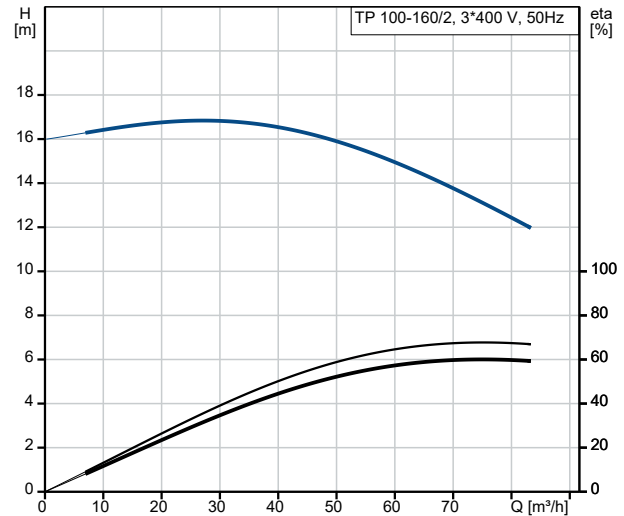
Installation:

Range of ambient temperature: -30 .. 60 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 Pipe connection standard: EN 1092-2
 Type of connection: DIN
 Size of connection: DN 100
 Pressure rating for connection: PN 16
 Port-to-port length: 500 mm
 Flange size for motor: FF215

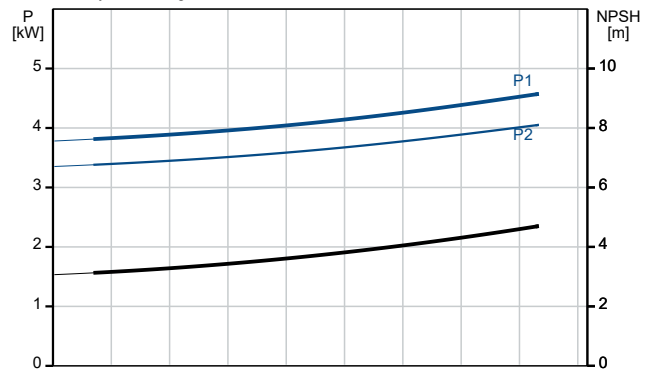
Qty.	Description
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1	Electrical data: Motor type: 112MC Rated power - P2: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V Rated current: 7.9 A Starting current: 1000-1110 % Cos phi - power factor: 0.87 Rated speed: 2920-2940 rpm IE Efficiency class: IE3 Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6-88.2 % Motor efficiency at 1/2 load: 85.2-88.1 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 87322303 Others: Minimum efficiency index, MEI \geq : 0.54 Net weight: 88.4 kg Gross weight: 106 kg Shipping volume: 0.39 m ³ Danish VVS No.: 382765161
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Description	Value
General information:	
Product name:	TP 100-160/2 A-F-A-BAQE-KW1
Product No:	96109173
EAN number:	5700396981505
Price:	
Technical:	
Pump speed on which pump data are based:	2950 rpm
Rated flow:	75.24 m ³ /h
Rated head:	13.29 m
Maximum head:	160 dm
Actual impeller diameter:	120-110 mm
Primary shaft seal:	BAQE
Code for shaft seal:	BAQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Cast iron EN-GJL-250 ASTM class 35
Impeller:	Cast iron EN-GJL-200 ASTM class 30
Material code:	A
Installation:	
Range of ambient temperature:	-30 .. 60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Pipe connection standard:	EN 1092-2
Type of connection:	DIN
Size of connection:	DN 100
Pressure rating for connection:	PN 16
Port-to-port length:	500 mm
Flange size for motor:	FF215
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	112MC
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	7.9 A
Starting current:	1000-1110 %
Cos phi - power factor:	0.87
Rated speed:	2920-2940 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	88.1 %
Motor efficiency at 3/4 load:	88.6-88.2 %
Motor efficiency at 1/2 load:	85.2-88.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

21/07/2025

Description	Value
Motor No:	87322303
Controls:	
Frequency converter:	None
Others:	
Minimum efficiency index, MEI \geq :	0.54
Net weight:	88.4 kg
Gross weight:	106 kg
Shipping volume:	0.39 m ³
Danish VVS No.:	382765161