

Company name: Created by: Phone:

Date: 02/01/2024

Qty. | Description

1 TP 50-180/2 A-F-A-BQQE-FW1



Note! Product picture may differ from actual product

Product No.: 98133648

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 6/10 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: -25 .. 120 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2850 rpm

Rated flow: 18.3 m³/h
Rated head: 10.2 m
Actual impeller diameter: 100 mm
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B2

Materials:

Pump housing: Cast iron

EN-GJL-250 ASTM class 35

Impeller: Stainless steel

EN 1.4301 AISI 304

Installation:

Range of ambient temperature: -30 .. 60 °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:

DIN

DN 50

PN 6/10

280 mm

Flange size for motor:

FT100

Electrical data:

Motor type: 80A



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1 Rated power - P2: 0.75 kW Mains frequency: 50 Hz

Rated voltage: 3 x 220-240D/380-415Y V

 Rated current:
 3.30/1.90 A

 Starting current:
 580-620 %

 Cos phi - power factor:
 0.81-0.71

 Rated speed:
 2840-2870 rpm

IE Efficiency class: IE3

Number of poles: 2

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F

Motor No: 85U05104

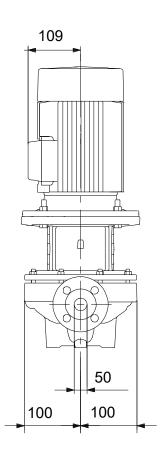
Others:

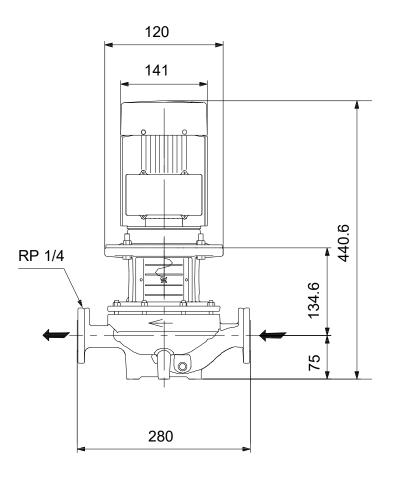
Minimum efficiency index, MEI ≥: 0.70 Net weight: 28.1 kg Gross weight: 31.6 kg Shipping volume: 0.08 m³ Danish VVS No.: 381813180 Finnish LVI No.: 4616053 Norwegian NRF no.: 9043557 Country of origin: HU Custom tariff no.: 84137051

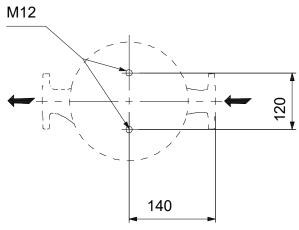


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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.