

Qty. Description

1 TPE 50-430/2 A-F-A-BQQE-LDB



Note! Product picture may differ from actual product

Product No.: [99113938](#)

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.

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: 2920 rpm
 Rated flow: 35.1 m³/h
 Rated head: 33.9 m
 Actual impeller diameter: 177 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

Qty.	Description
	Type of connection: DIN Size of connection: DN 50 Pressure rating for connection: PN 16 Port-to-port length: 340 mm Flange size for motor: FF265
	Electrical data: Motor type: 132SE IE Efficiency class: IE5 Rated power - P2: 5.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-500 V Rated current: 10.3-8.20 A Cos phi - power factor: 0.92-0.88 Rated speed: 360-4000 rpm Efficiency: 92.7% Motor efficiency at full load: 92.7 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 98971079
	Others: Minimum efficiency index, MEI \geq : 0.70 Net weight: 80.3 kg Gross weight: 99 kg Shipping volume: 0.39 m ³ Danish VVS No.: 382063430 Finnish LVI No.: 4616461