

**Qty. Description**

1 TPE 100-250/2 A-F-A-BAQE



**Note! Product picture may differ from actual product**

Product No.: [96110282](#)

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.

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.

**Liquid:**

Pumped liquid: Water  
 Liquid temperature range: 0 .. 120 °C  
 Selected liquid temperature: 20 °C  
 Density: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2930 rpm  
 Rated flow: 135 m<sup>3</sup>/h  
 Rated head: 20.06 m  
 Actual impeller diameter: 145 mm  
 Code for shaft seal: BAQE  
 Curve tolerance: ISO9906:2012 3B

**Materials:**

Pump housing: Cast iron  
 EN-JL1040  
 A48-40 B  
 Impeller: Cast iron  
 EN-JL1030  
 A48-30 B

**Installation:**

Range of ambient temperature: -20 .. 40 °C  
 Maximum operating pressure: 16 bar  
 Type of connection: DIN  
 Size of connection: DN 100  
 Pressure rating for connection: PN 16  
 Port-to-port length: 550 mm

**Electrical data:**

Motor type: 160MB



Company name:

Created by:

Phone:

Date:

16/03/2021

Qty.	Description
	IE Efficiency class: IE3
	Rated power - P2: 11 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-480 V
	Rated current: 22.5-18.8 A
	Cos phi - power factor: 0.90-0.90
	Rated speed: 480-3540 rpm
	Efficiency: IE3 91,2%
	Motor efficiency at full load: 91.2 %
	Number of poles: 2
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Motor No: 85901224
	Others:
	Minimum efficiency index, MEI $\geq$ : 0.70
	Net weight: 209 kg
	Gross weight: 240 kg
	Shipping volume: 1.12 m <sup>3</sup>
	Danish VVS No.: 382784249