

Qty. Description

1 TPE 125-230/4 S-A-F-A-BQQE-OX3



Note! Product picture may differ from actual product

Product No.: [98743715](#)

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.

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: 1470 rpm
 Rated flow: 191 m³/h
 Rated head: 20.9 m
 Actual impeller diameter: 269 mm
 Code for shaft seal: BQQE
 Curve tolerance: ISO9906:2012 3B

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 .. 40 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 Type of connection: DIN
 Size of connection: DN 125
 Pressure rating for connection: PN 16
 Port-to-port length: 800 mm
 Flange size for motor: FF300

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1	Electrical data:	
	Motor type:	160LB
	IE Efficiency class:	IE3
	Rated power - P2:	15 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-480 V
	Rated current:	30.0-25.4 A
	Cos phi - power factor:	0.90-0.85
	Rated speed:	240-1750 rpm
	Efficiency:	IE3 92,1%
	Motor efficiency at full load:	92.1 %
	Number of poles:	4
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	86906163
	Others:	
	Minimum efficiency index, MEI \geq :	0.70
	Net weight:	348 kg
	Gross weight:	409 kg
	Shipping volume:	0.937 m ³
	Danish VVS No.:	381927230
	Finnish LVI No.:	4616436
	Norwegian NRF no.:	9043613
	Country of origin:	HU
	Custom tariff no.:	84137051