

Qty. Description

1 **TPED 80-150/4-S A-F-A-GQQE**



Note! Product picture may differ from actual product

Product No.: [96275948](#)

Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. 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.

Each power head 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).

Each power head is fitted with a fan-cooled asynchronous motor of identical size.

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.

Liquid:

Pumped liquid: Water
 Liquid temperature range: -25 .. 60 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 1455 rpm
 Rated flow: 48.2 m³/h
 Rated head: 12.7 m
 Code for shaft seal: GQQE
 Curve tolerance: ISO9906:2012 3B

Materials:

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

Installation:

Range of ambient temperature: -20 .. 40 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 60 °C
 Type of connection: DIN
 Size of connection: DN 80
 Pressure rating for connection: PN 16
 Port-to-port length: 500 mm

Electrical data:

Motor type: 100LC
 Rated power - P2: 3 kW
 Mains frequency: 50 Hz



Company name:

Created by:

Phone:

Date:

12/03/2024

Qty. Description

1	Rated voltage:	3 x 380-480 V
	Rated current:	6.20-5.00 A
	Cos phi - power factor:	0.94-0.91
	Rated speed:	180-1740 rpm
	IE efficiency:	IE3 87,7%
	IE Efficiency class:	IE3
	Motor efficiency at full load:	87.7 %
	Number of poles:	4
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	86906280
	Others:	
	Minimum efficiency index, MEI ≥:	0.70
	Net weight:	208 kg
	Gross weight:	232 kg
	Shipping volume:	0.64 m ³