

**Qty. Description**

1 TPE2 D 32-80-N A-F-A-BQQE



Note! Product picture may differ from actual product

Product No.: [98438555](#)

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 6/10 DIN flanges (EN 1092-2 and ISO 7005-2).

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Each power head is fitted with a fan-cooled, permanent-magnet synchronous motor of identical size. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.

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.

**Controls:**

Frequency converter: Built-in

**Liquid:**

Pumped liquid: Water  
Liquid temperature range: -25 .. 120 °C  
Selected liquid temperature: 20 °C  
Density at selected liquid temperature: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 3450 rpm  
Rated flow: 9.2 m<sup>3</sup>/h  
Rated head: 5.8 m  
Actual impeller diameter: 62 mm  
Primary shaft seal: BQQE  
Curve tolerance: ISO9906:2012 3B2

**Materials:**

Pump housing: Cast iron  
EN-JL1040  
ASTM A48-40 B  
Impeller: Composite PES/PP 30% GF

**Installation:**

Range of ambient temperature: -20 .. 50 °C  
Maximum operating pressure: 10 bar  
Flange standard: DIN  
Pipe connection: DN 32

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Pressure rating:	PN 6/10
Port-to-port length:	286 mm
Flange size for motor:	56C

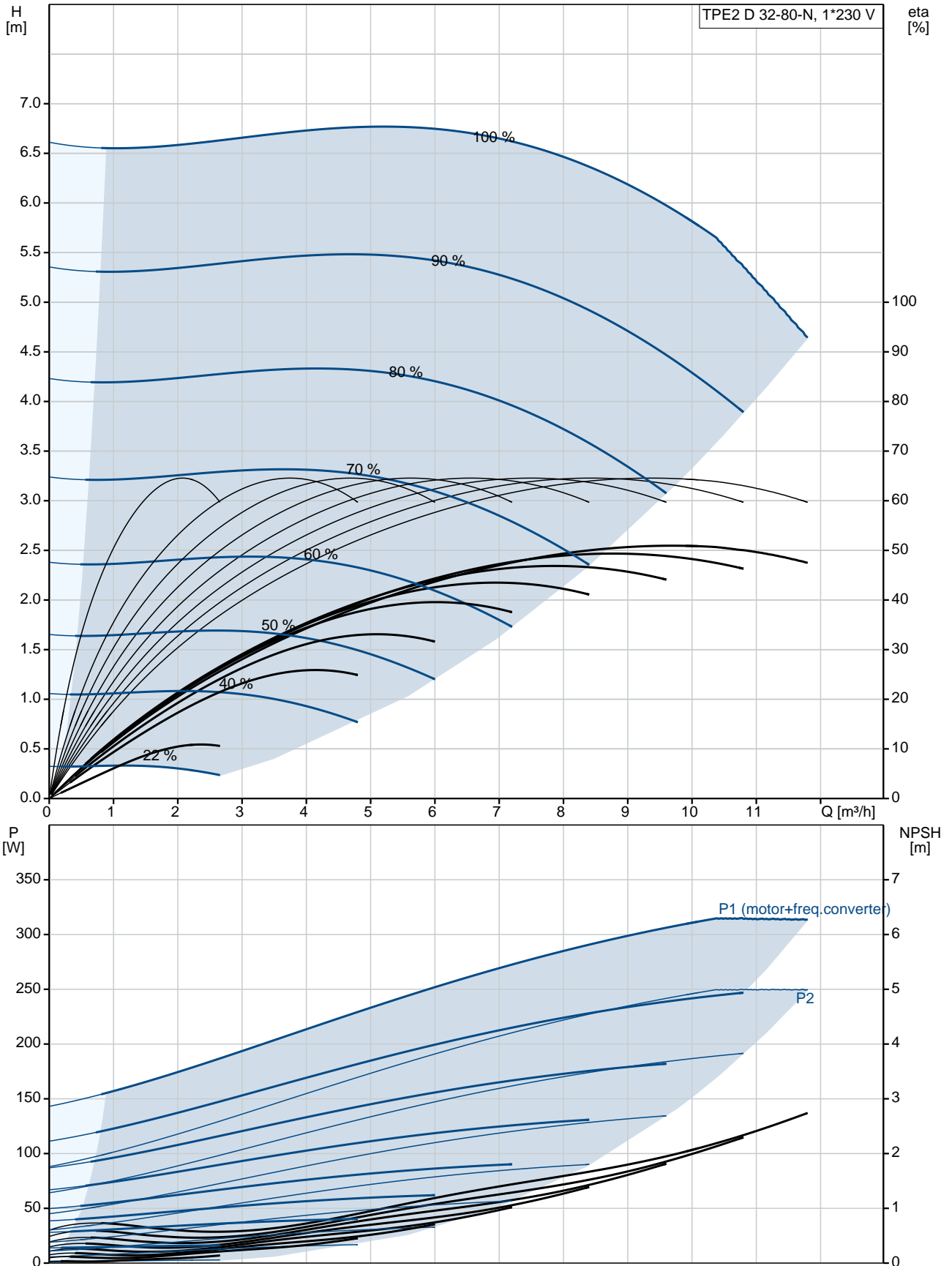
**Electrical data:**

Motor type:	71A
IE Efficiency class:	IE5
Rated power - P2:	2 x 0.25 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Rated current:	1.75-1.50 A
Cos phi - power factor:	0.95
Rated speed:	360-4000 rpm
Efficiency:	81.1%
Motor efficiency at full load:	81.1 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor No:	99137989

**Others:**

Minimum efficiency index, MEI :	0.7
ErP status:	EuP Standalone/Prod.
Net weight:	43.5 kg
Gross weight:	56.8 kg
Shipping volume:	0.246 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137065

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Company name:

Created by:

Phone:

Date:

20/12/2019

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