
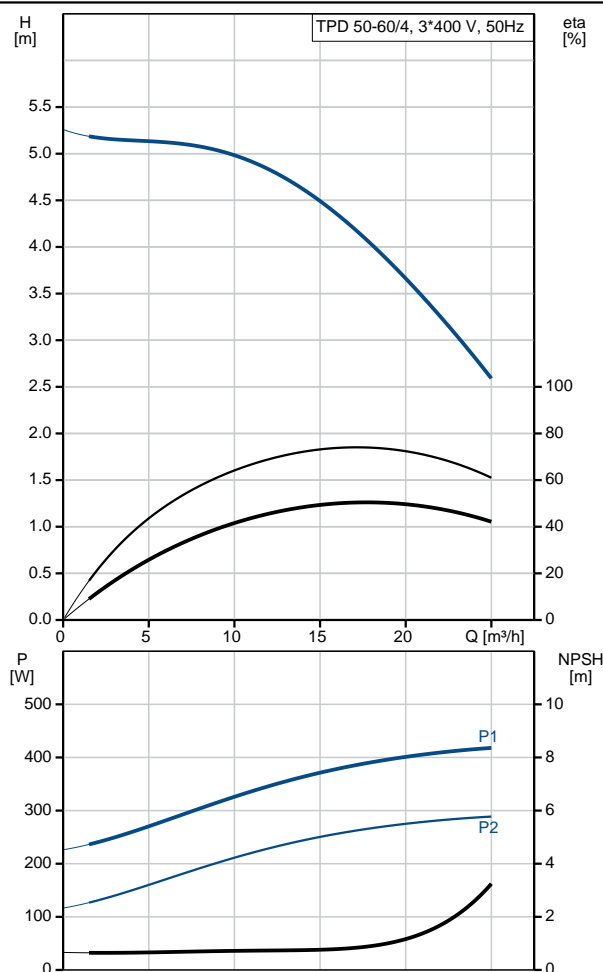


Qty.	Description
1	<p><b>TPD 50-60/4 A-F-A-BQQE</b></p>  <p>Product No.: <a href="#">98958089</a></p> <p>Single-stage, close-coupled, volute twin-head pump with in-line suction and discharge ports of identical diameter. The twin-head pump is designed with two parallel power-heads. The pump is of the 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.</p> <p>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).</p> <p>Each power head is fitted with a fan-cooled asynchronous motor of identical size.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -25 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Pump speed on which pump data are based: 1430 rpm</p> <p>Rated flow: 17.1 m<sup>3</sup>/h</p> <p>Rated head: 4.18 m</p> <p>Actual impeller diameter: 126 mm</p> <p>Primary shaft seal: BQQE</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Pump housing: Cast iron EN-JL1040</p> <p>ASTM A48-40 B</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: -30 .. 40 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Flange standard: DIN</p> <p>Pipe connection: DN 50</p> <p>Pump inlet: DN 50</p> <p>Pump outlet: DN 50</p> <p>Pressure rating: PN 6/10</p> <p>Port-to-port length: 280 mm</p> <p>Flange size for motor: FT85</p> <p><b>Electrical data:</b></p> <p>Motor type: 71B</p> <p>Rated power - P<sub>2</sub>: 2 x 0.37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p>

Qty.	Description
	<p>Rated current: 1.90/1.10 A</p> <p>Starting current: 400-440 %</p> <p>Cos phi - power factor: 0.77-0.67</p> <p>Rated speed: 1400-1420 rpm</p> <p>Efficiency: 66.0%</p> <p>Motor efficiency at full load: 66.0 %</p> <p>Motor efficiency at 3/4 load: 72.2 %</p> <p>Motor efficiency at 1/2 load: 67.6 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 86805102</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI <math>\eta_{\text{MEI}}</math>: 0.70</p> <p>ErP status: EuP Standalone/Prod.</p> <p>Net weight: 56.6 kg</p> <p>Gross weight: 63.6 kg</p> <p>Shipping volume: 0.12 m<sup>3</sup></p> <p>Country of origin: HU</p> <p>Custom tariff no.: 84137065</p>

Description	Value
<b>General information:</b>	
Product name:	TPD 50-60/4 A-F-A-BQQE
Product No:	98958089
EAN number:	5712604245569
<b>Technical:</b>	
Pump speed on which pump data are based:	1430 rpm
Rated flow:	17.1 m³/h
Rated head:	4.18 m
Head max:	60 dm
Actual impeller diameter:	126 mm
Primary shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Material code:	A
<b>Installation:</b>	
Range of ambient temperature:	-30 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 50
Pump inlet:	DN 50
Pump outlet:	DN 50
Pressure rating:	PN 6/10
Port-to-port length:	280 mm
Flange size for motor:	FT85
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m³
<b>Electrical data:</b>	
Motor type:	71B
Rated power - P2:	2 x 0.37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	1.90/1.10 A
Starting current:	400-440 %
Cos phi - power factor:	0.77-0.67
Rated speed:	1400-1420 rpm
Efficiency:	66.0%
Motor efficiency at full load:	66.0 %
Motor efficiency at 3/4 load:	72.2 %
Motor efficiency at 1/2 load:	67.6 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	86805102





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
<b>Others:</b>	
Minimum efficiency index, MEI â‰¥%:	0.70
ErP status:	EuP Standalone/Prod.
Net weight:	56.6 kg
Gross weight:	63.6 kg
Shipping volume:	0.12 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137065