
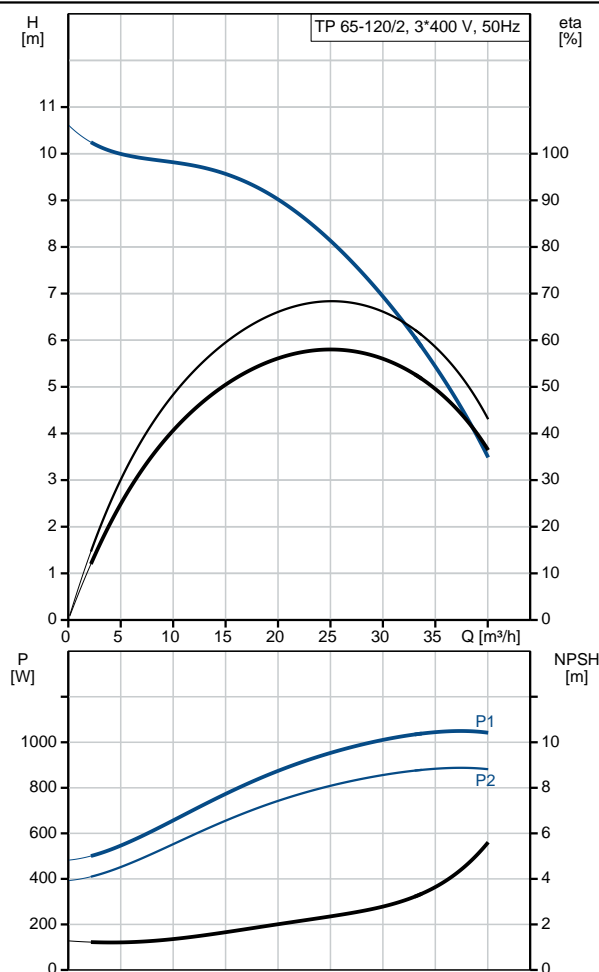


Position	Qty.	Description
	1	<p><b>TP 65-120/2 A-F-A-BUBE</b></p>  <p>Product No.: <a href="#">96402293</a></p> <p>Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework.</p> <p>The pump 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>The pump is fitted with a fan-cooled asynchronous motor.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 0 .. 140 °C</p> <p>Liquid temperature during operation: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p><b>Technical:</b></p> <p>Speed for pump data: 2880 rpm</p> <p>Rated flow: 25.1 m³/h</p> <p>Rated head: 8.16 m</p> <p>Actual impeller diameter: 91 mm</p> <p>Primary shaft seal: BUBE</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Pump housing: Cast iron EN-JL1040 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 .. 60 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Flange standard: DIN</p> <p>Pipe connection: DN 65</p> <p>Pump inlet: DN 65</p> <p>Pump outlet: DN 65</p> <p>Pressure rating: PN 6/10</p> <p>Port-to-port length: 340 mm</p> <p>Flange size for motor: FT100</p> <p><b>Electrical data:</b></p> <p>Motor type: 80C</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 1.1 kW</p> <p>Power (P2) required by pump: 1.1 kW</p> <p>Mains frequency: 50 Hz</p>

Position	Qty.	Description
		<p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 4,35/2,50 A</p> <p>Starting current: 450-500 %</p> <p>Cos phi - power factor: 0,83-0,76</p> <p>Rated speed: 2840-2870 rpm</p> <p>Efficiency: IE3 82,7%</p> <p>Motor efficiency at full load: 82.7 %</p> <p>Motor efficiency at 3/4 load: 84.6 %</p> <p>Motor efficiency at 1/2 load: 85.4 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI : 0.59</p> <p>ErP status: EuP Standalone/Prod.</p> <p>Net weight: 34.4 kg</p> <p>Gross weight: 41.6 kg</p> <p>Shipping volume: 0.07 m³</p>

Description	Value
<b>General information:</b>	
Product name:	TP 65-120/2 A-F-A-BUBE
Product No:	96402293
EAN number:	5700390665333
<b>Technical:</b>	
Speed for pump data:	2880 rpm
Rated flow:	25.1 m³/h
Rated head:	8.16 m
Head max:	120 dm
Actual impeller diameter:	91 mm
Primary shaft seal:	BUBE
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 .. 60 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Connect code:	F
Pipe connection:	DN 65
Pump inlet:	DN 65
Pump outlet:	DN 65
Pressure rating:	PN 6/10
Port-to-port length:	340 mm
Flange size for motor:	FT100
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 140 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor type:	80C
IE Efficiency class:	IE3
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	4,35/2,50 A
Starting current:	450-500 %
Cos phi - power factor:	0,83-0,76
Rated speed:	2840-2870 rpm
Efficiency:	IE3 82,7%
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6 %
Motor efficiency at 1/2 load:	85.4 %
Number of poles:	2





Company name:

Created by:

Phone:

Date:

19/03/2018

Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05105
<b>Others:</b>	
Minimum efficiency index, MEI :	0.59
ErP status:	EuP Standalone/Prod.
Net weight:	34.4 kg
Gross weight:	41.6 kg
Shipping volume:	0.07 m³
Sales region:	GB