

**Date:** 03/10/2018

Position | Qty. | Description

1 TPD 100-30/4 AI-F-A-BQQE



Product No.: On request

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

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

Liquid:

Pumped liquid: Water
Liquid temperature range: -25 .. 120 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Rated flow: 46.1 m³/h
Rated head: 2.8 m
Actual impeller diameter: 119 mm
Primary shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron

EN-JL1040

ASTM A48-40 B

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Installation:

Range of ambient temperature: -30 .. 40 °C Maximum operating pressure: 6 bar Flange standard: DIN Pipe connection: **DN 100** Pump inlet: **DN 100** Pump outlet: **DN 100** Pressure rating: PN 6 Port-to-port length: 450 mm Flange size for motor: FT100

**Electrical data:** 

Motor type: 80B

Rated power - P2: 2 x 0.55 kW

Mains frequency: 50 Hz

Rated voltage: 1 x 220-230 V

Rated current: 4 A



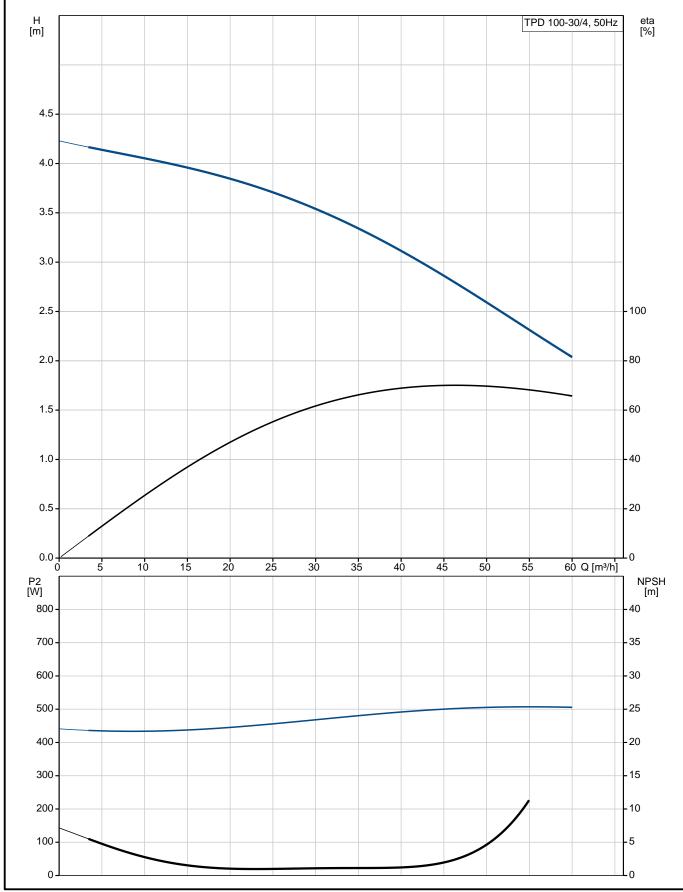
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sition				- Buto.	00/10/2010
Cos phi - power factor: Rated speed: 1350-1370 rpm  Motor efficiency at full load: 66-64 % Number of poles: 4 Enclosure class (IEC 34-5): Insulation class (IEC 85):  Others: Minimum efficiency index, MEI: ErP status: Net weight: Gross weight:  0.97  1350-1370 rpm  1350-1370 rpm  1350-1370 rpm  1350-1370 rpm  1450-145  155 Dust/Jetting  F  Others: F  Others: Minimum efficiency index, MEI: 97.45  111 kg	osition	Qty.	Description		
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Net weight: 97.2 kg Gross weight: 111 kg			Minimum efficiency index, MEI	: 0.45	
Gross weight: 111 kg					
Shipping volume: 0.39 m <sup>3</sup>			Gross weight:		
Shipping volume.			Shipping volume:	0.30 m <sup>3</sup>	
			Shipping volume.	0.59 111	



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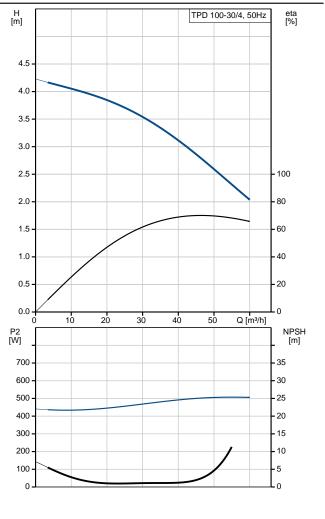
## On request TPD 100-30/4 AI-F-A-BQQE 50 Hz





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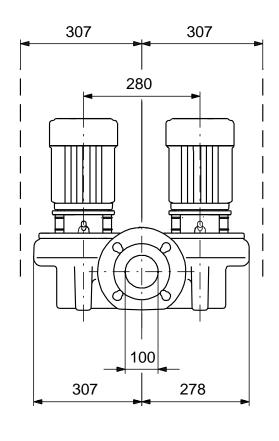
Value TPD 100-30/4 AI-F-A-BQQE On request 46.1 m³/h 2.8 m 30 dm 119 mm BQQE ISO9906:2012 3B AI A
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30 dm 119 mm BQQE ISO9906:2012 3B AI
119 mm BQQE ISO9906:2012 3B AI
BQQE ISO9906:2012 3B AI
ISO9906:2012 3B AI
Al
* **
A
Cast iron
EN-JL1040
ASTM A48-40 B
Stainless steel
DIN WNr. 1.4301
AISI 304
A
-30 40 °C
6 bar
DIN
DN 100
DN 100
DN 100
PN 6
450 mm
FT100
F
Water
-25 120 °C
20 °C
998.2 kg/m³
80B
2 x 0.55 kW
50 Hz
1 x 220-230 V
4 A
260 %
0.97
1350-1370 rpm
66-64 %
4
55 Dust/Jetting
F
PTO
86215103
0.45
EuP Standalone/Prod.
97.2 kg
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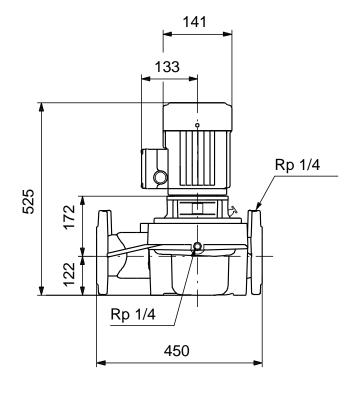




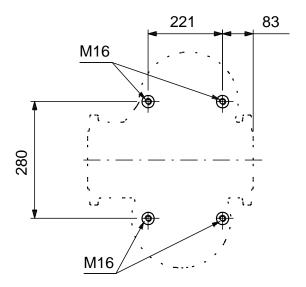
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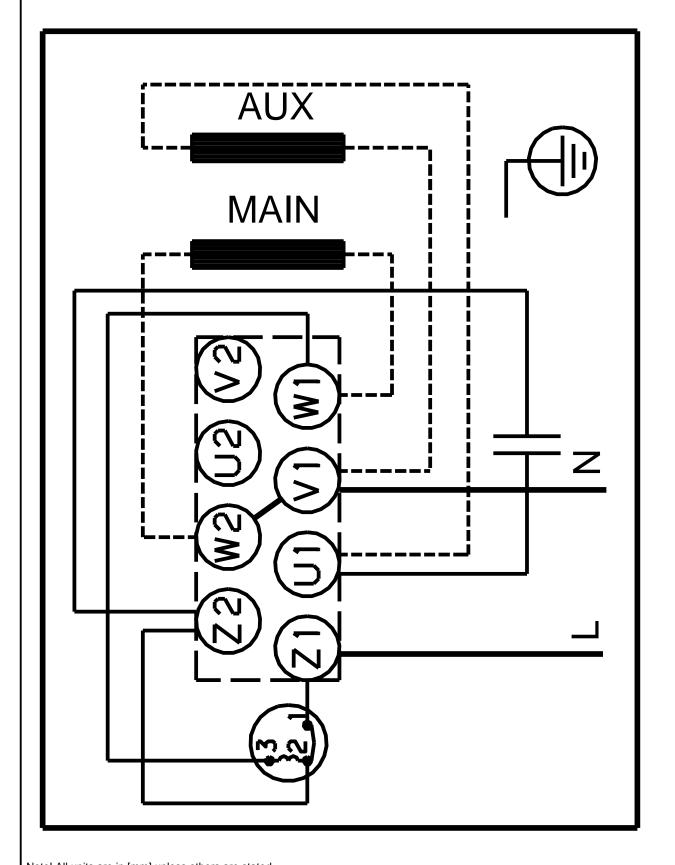
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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