

# Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE:	TYPE OF SERVICE:	
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

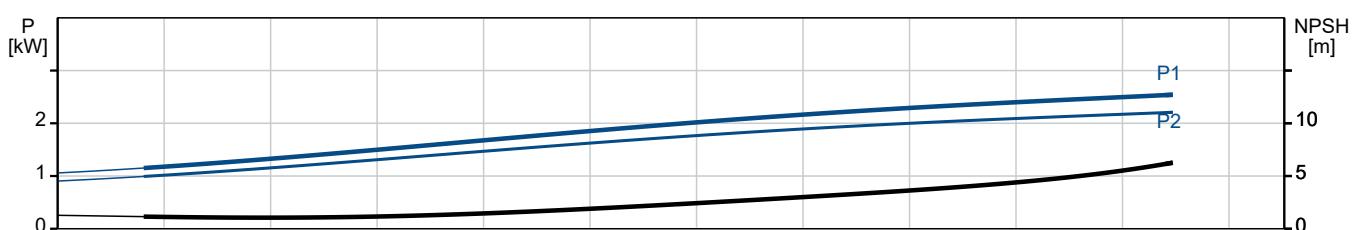
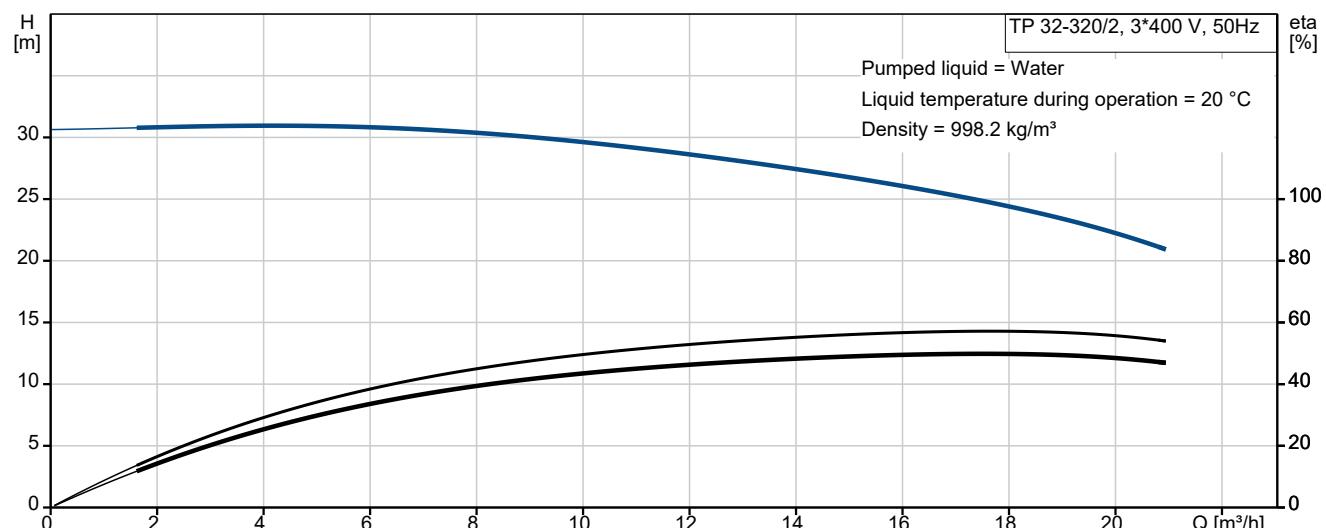


Note! Product picture may differ from actual product

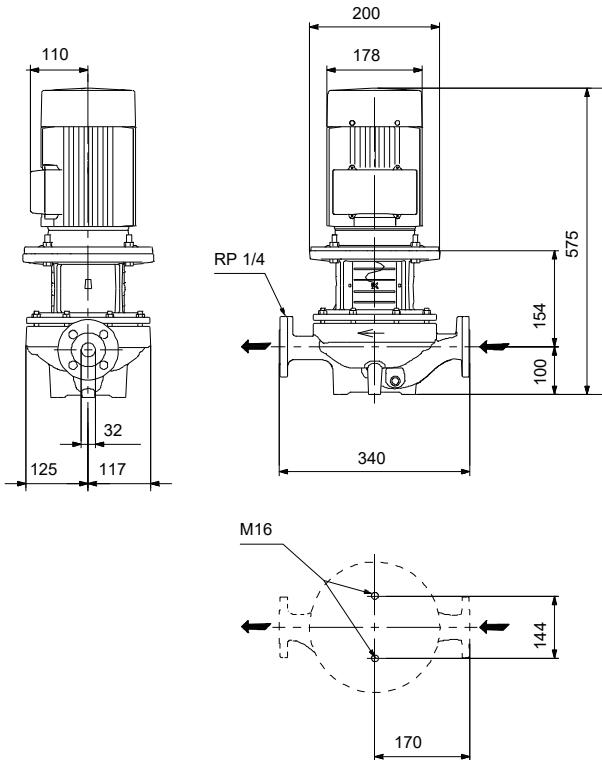
## TP 32-320/2 A-F-B-BQQE-IW1

Grundfos TP pumps are single-stage, close-coupled in-line centrifugal pumps with mechanical shaft seal and primely for applications such as heating/cooling/district energy. The pumps are fitted with fixed speed motors.

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Max pressure at stated temp:	16 bar / 120 °C	Rated power - P2:	2.2 kW
Temperature:	20 °C	Liquid temperature range:	-25 .. 120 °C	Rated voltage:	380-415D V
Specific Gravity:	1.000	Maximum ambient temperature:	60 °C	Mains frequency:	50 Hz
		Shaft seal:	BQQE	Enclosure class:	55 Dust/Jetting
		Product number:	On request	Insulation class:	F
				Motor protection:	NONE
				Motor type:	90LE
				Eta 1/1:	85.9 %



# Submittal Data



## Materials:

Pump housing: Cast iron  
ASTM class 35  
Impeller: Bronze  
CuSn10-C  
Material code: B



Company name:

Created by:

Phone:

Date: 11/01/2026

Description	Value
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**General information:**

Product name: TP 32-320/2  
A-F-B-BQQE-IW1

Product No: On request

EAN number: On request

**Technical:**

Pump speed on which pump data are based: 2927 rpm

Rated flow: 17.37 m<sup>3</sup>/h

Rated head: 24.66 m

Maximum head: 320 dm

Actual impeller diameter: 154 mm

Primary shaft seal: BQQE

Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B2

Pump version: A

**Materials:**

Type key, code for materials: B

Pump housing: Cast iron

EN-GJL-250

ASTM class 35

Impeller: Bronze

CuSn10-C

Material code: B

**Installation:**

Range of ambient temperature: -30 .. 60 °C

Maximum operating pressure: 16 bar

Max pressure at stated temp: 16 bar / 120 °C

Type key, code for pipework connection: F

Pipe connection standard: EN 1092-2

Type of connection: DIN

Size of connection: DN 32

Pressure rating for connection: PN 16

Port-to-port length: 340 mm

Flange size for motor: FF165

Connect code: F

**Liquid:**

Pumped liquid: Water

Liquid temperature range: -25 .. 120 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m<sup>3</sup>

**Electrical data:**

Motor type: 90LE

Rated power - P2: 2.2 kW

Mains frequency: 50 Hz

Rated voltage: 3 x 380-415D V

Rated current: 4.65 A

Starting current: 840-920 %

Rated speed: 2890-2910 rpm

IE Efficiency class: IE3

Motor efficiency at full load: 85.9 %

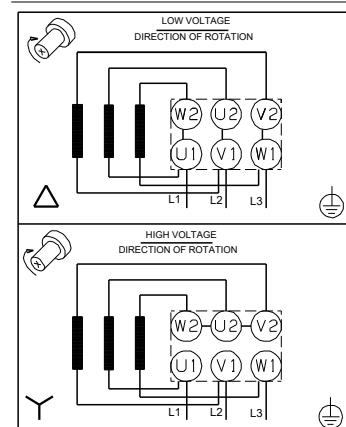
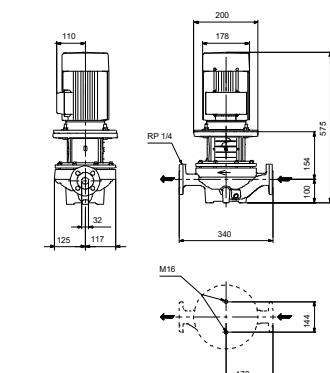
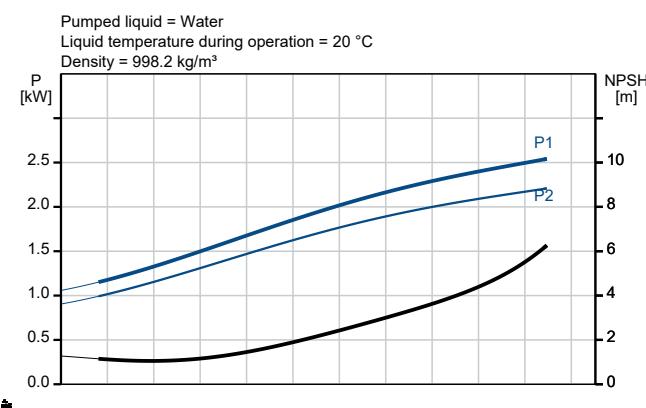
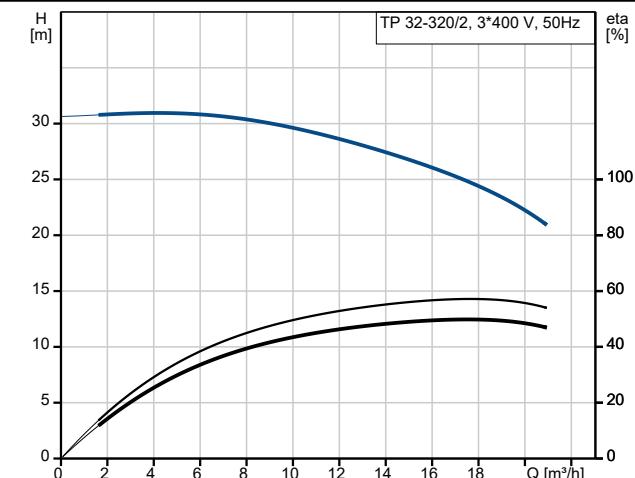
Motor efficiency at 3/4 load: 88.2-87.2 %

Motor efficiency at 1/2 load: 88.0-85.5 %

Number of poles: 2

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F







Company name:

Created by:

Phone:

Date:

11/01/2026

**Order Data:**

Position	Your pos.	Product name	Amount	Product No	Total
		TP 32-320/2 A-F-B-BQQE-IW1	1	On request	