

**Qty. Description**

1 NB 40-250/211 ASF2ABQQE



Note! Product picture may differ from actual product

Product No.: [98671393](#)

Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and rated performance according to EN 733 (10 bar).

Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial discharge port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impeller without disturbing the pump housing or pipework.

The unbalanced rubber bellows seal is according to DIN EN 12756.

The pump is close-coupled to a fan-cooled asynchronous motor.

**Controls:**

Frequency converter: NONE

**Liquid:**

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

**Technical:**

Rated flow: 50.2 m<sup>3</sup>/h  
 Rated head: 51.8 m  
 Actual impeller diameter: 211 mm  
 Nominal impeller diameter: 250 mm  
 Shaft seal arrangement: Single  
 Code for shaft seal: BQQE  
 Curve tolerance: ISO9906:2012 3B

**Materials:**

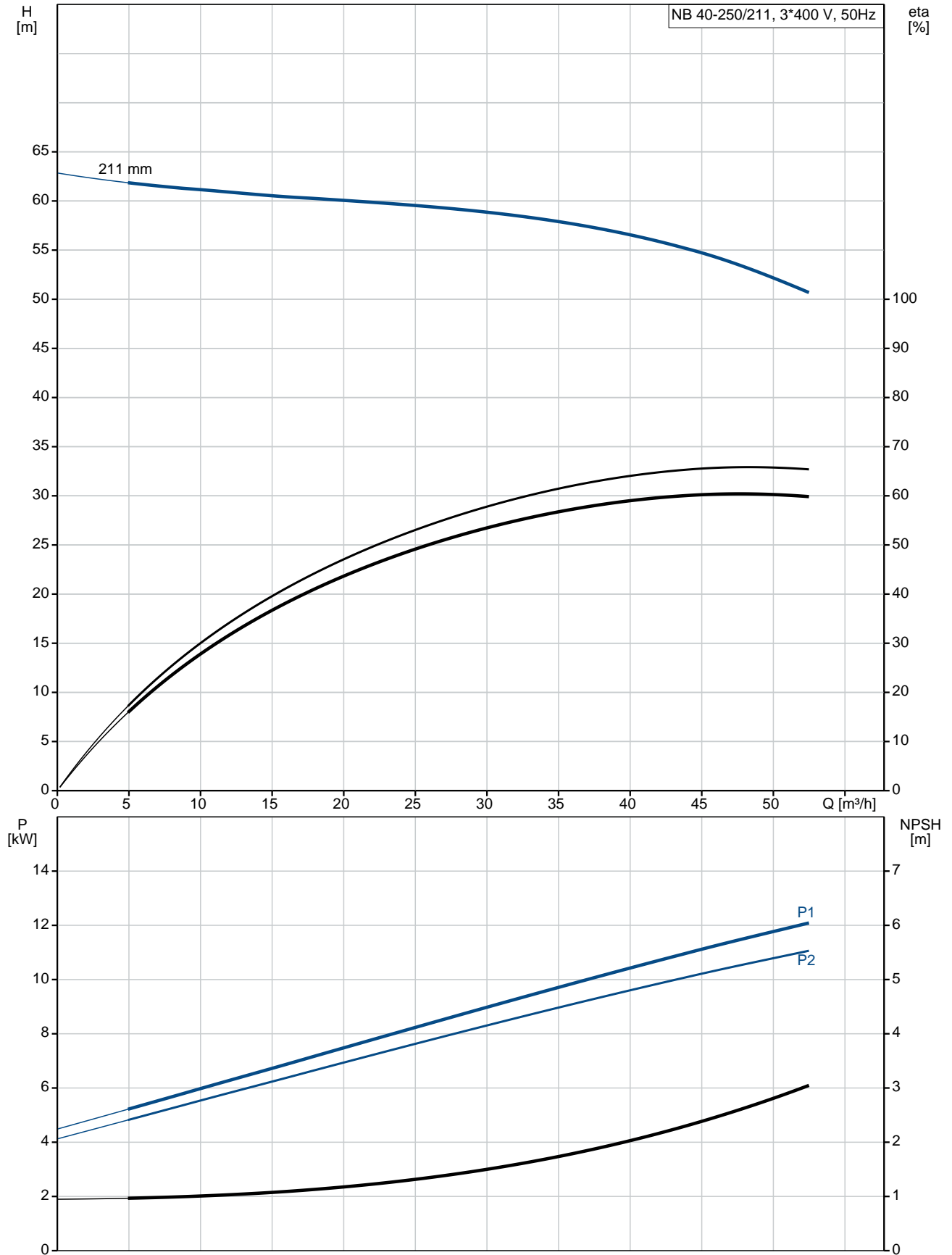
Pump housing: Cast iron  
 EN-GJL-250  
 ASTM class 35  
 Wear ring: Brass  
 Impeller: Cast iron  
 EN-GJL-200  
 ASTM class 30  
 Shaft: Stainless steel  
 EN 1.4301  
 AISI 304

**Installation:**

Maximum ambient temperature: 60 °C  
 Maximum operating pressure: 16 bar  
 Pipe connection standard: EN 1092-2  
 Size of inlet connection: DN 65  
 Size of outlet connection: DN 40  
 Pressure rating for pipe connection: PN 16  
 Pump housing with feet: N

| Qty. | Description   |
|------|---|
|      | Support block: Y                                      |
|      | <b>Electrical data:</b>                               |
|      | IE Efficiency class: IE3                              |
|      | P2: 11 kW   |
|      | Mains frequency: 50 Hz                                |
|      | Rated voltage: 3 x 380-415D/660-690Y V                |
|      | Rated current: 20,8-19,8/12,0-11,8 A                  |
|      | Starting current: 660-780 %                           |
|      | Cos phi - power factor: 0.88-0.84                     |
|      | Rated speed: 2940-2950 rpm                            |
|      | Efficiency: IE3 91,2%                                 |
|      | Motor efficiency at full load: 91.2 %                 |
|      | Motor efficiency at 3/4 load: 91.8 %                  |
|      | Motor efficiency at 1/2 load: 91.3 %                  |
|      | Number of poles: 2                                    |
|      | Enclosure class (IEC 34-5): 55 Dust/Jetting           |
|      | Insulation class (IEC 85): F                          |
|      | <b>Others:</b>  |
|      | Minimum efficiency index, MEI $\hat{\alpha}\%$ : 0.70 |
|      | Net weight: 151 kg                                    |
|      | Gross weight: 176 kg                                  |
|      | Shipping volume: 0.707 m <sup>3</sup>                 |
|      | Country of origin: HU                                 |
|      | Custom tariff no.: 84137051                           |

## 98671393 NB 40-250/211 ASF2ABQQE 50 Hz



| Description | Value |
|-------------|-------|
|-------------|-------|

**General information:**

Product name: NB 40-250/211 ASF2ABQQE

Product No: 98671393

EAN number: 5711499324892

Price: 3.219,00 GBP

**Technical:**

Rated flow: 50.2 m<sup>3</sup>/h

Rated head: 51.8 m

Actual impeller diameter: 211 mm

Nominal impeller diameter: 250 mm

Shaft seal arrangement: Single

Shaft diameter: 24 mm

Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Pump version: AS

**Materials:**

Pump housing: Cast iron  
EN-GJL-250  
ASTM class 35

Wear ring: Brass

Impeller: Cast iron  
EN-GJL-200  
ASTM class 30

Shaft: Stainless steel  
EN 1.4301  
AISI 304

Material code: A

**Installation:**

Maximum ambient temperature: 60 °C

Maximum operating pressure: 16 bar

Pipe connection standard: EN 1092-2

Size of inlet connection: DN 65

Size of outlet connection: DN 40

Pressure rating for pipe connection: PN 16

Pump housing with feet: N

Support block: Y

Connect code: F2

**Liquid:**

Pumped liquid: Water

Liquid temperature range: -25 .. 120 °C

Liquid temperature during operation: 20 °C

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

**Electrical data:**

IE Efficiency class: IE3

P2: 11 kW

Mains frequency: 50 Hz

Rated voltage: 3 x 380-415D/660-690Y V

Rated current: 20,8-19,8/12,0-11,8 A

Starting current: 660-780 %

Cos phi - power factor: 0.88-0.84

Rated speed: 2940-2950 rpm

Efficiency: IE3 91,2%

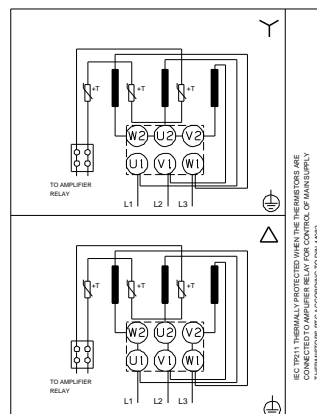
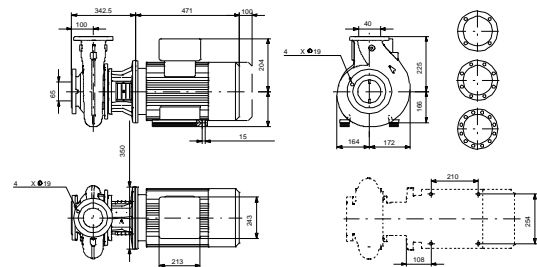
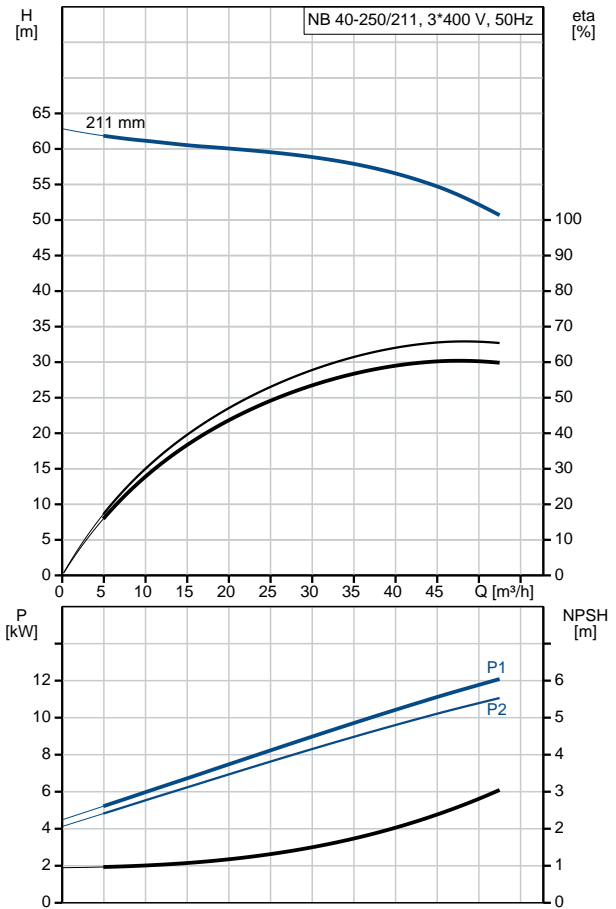
Motor efficiency at full load: 91.2 %

Motor efficiency at 3/4 load: 91.8 %

Motor efficiency at 1/2 load: 91.3 %

Number of poles: 2

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





Company name:

Created by:

Phone:

Date:

21/03/2019

| Description                                 | Value                |
|---|----------------------|
| Insulation class (IEC 85):                  | F                    |
| Motor protec:                               | PTC                  |
| Motor No:                                   | 87420028             |
| Mount. design. acc. IEC 34-7:               | IM B35               |
| <b>Controls:</b>                            |                      |
| Frequency converter:                        | NONE                 |
| <b>Others:</b>                              |                      |
| Minimum efficiency index, MEI $\eta_{\%}$ : | 0.70                 |
| Net weight:                                 | 151 kg               |
| Gross weight:                               | 176 kg               |
| Shipping volume:                            | 0.707 m <sup>3</sup> |
| Country of origin:                          | HU                   |
| Custom tariff no.:                          | 84137051             |

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