

**Qty. Description**

1 NB 40-250/245 ASF2ABQQE



Note! Product picture may differ from actual product

Product No.: [98979905](#)

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: 64.7 m<sup>3</sup>/h  
 Rated head: 75.03 m  
 Actual impeller diameter: 245 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  
 Support block: Y

Qty.	Description
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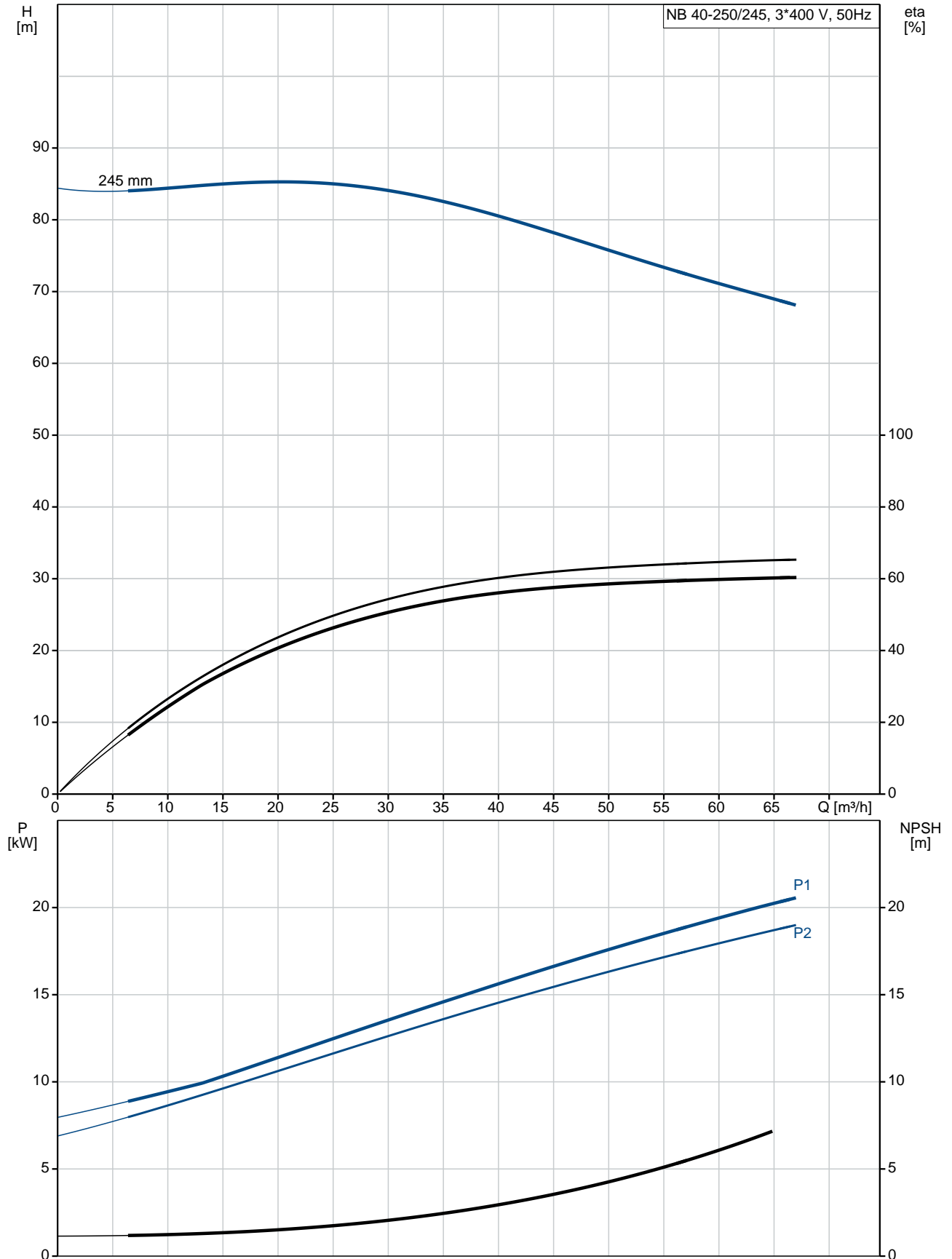
**Electrical data:**

IE Efficiency class:	IE3
P2:	18.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	34,5-32,5/20,0-18,8 A
Starting current:	830-980 %
Cos phi - power factor:	0.89-0.85
Rated speed:	2940-2950 rpm
Efficiency:	IE3 92,4%
Motor efficiency at full load:	92.4 %
Motor efficiency at 3/4 load:	93.2 %
Motor efficiency at 1/2 load:	93.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F

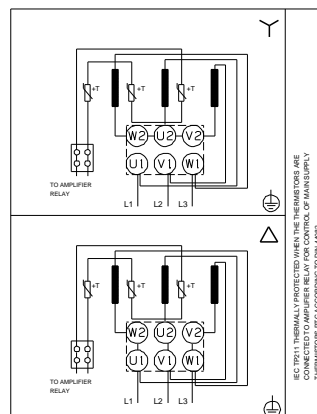
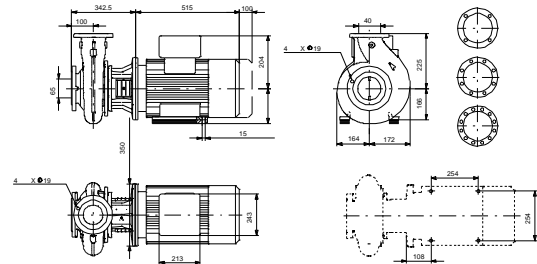
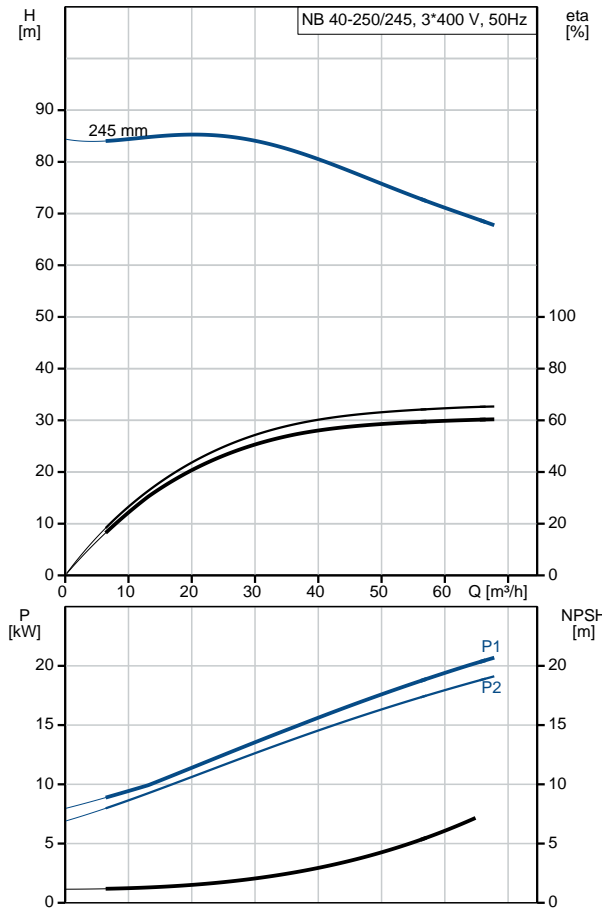
**Others:**

Minimum efficiency index, MEI $\eta_{min}$ :	0.70
Net weight:	178 kg
Gross weight:	203 kg
Shipping volume:	0.707 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137051

## 98979905 NB 40-250/245 ASF2ABQQE 50 Hz



Description	Value
<b>General information:</b>	
Product name:	NB 40-250/245 ASF2ABQQE
Product No:	98979905
EAN number:	5712604620823
Price:	3.804,00 GBP
<b>Technical:</b>	
Rated flow:	64.7 m <sup>3</sup> /h
Rated head:	75.03 m
Actual impeller diameter:	245 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
<b>Materials:</b>	
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
<b>Installation:</b>	
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
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
IE Efficiency class:	IE3
P2:	18.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	34,5-32,5/20,0-18,8 A
Starting current:	830-980 %
Cos phi - power factor:	0.89-0.85
Rated speed:	2940-2950 rpm
Efficiency:	IE3 92,4%
Motor efficiency at full load:	92.4 %
Motor efficiency at 3/4 load:	93.2 %
Motor efficiency at 1/2 load:	93.2 %
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:	87420030
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:	178 kg
Gross weight:	203 kg
Shipping volume:	0.707 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137051