

**Date:** 22/04/2021

## Qty. | Description

### 1 NB 32-125/106 AF2BBQQE



Product No.: 99803652

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

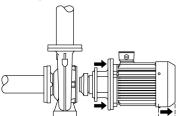
Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial discharge port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impeller without disturbing the pump housing or pipework.

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

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

The product's minimum efficiency index (MEI) is greater or equal to 0.70. This is by the Commission Regulation (EU) considered as an indicative benchmark for best-performing water pump available on the market as from 1 January 2013.

The back pull-out design means that the pump can be serviced by a single person without disturbing the pump housing or pipes.



Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.

## Pump

The pump housing has both a priming and a drain hole closed by plugs. The impeller is a closed impeller with double-curved blades with smooth surfaces. The impeller is statically balanced according to ISO 1940-1 class G6.3 and hydraulically balanced to compensate for axial thrust.

Wear rings used in pump housing and for impeller are made of bronze/brass or cast iron.

Motor stool and pump cover are made of cast iron (EN-GJL-250). Coupling guards are fitted to the motor stool. The pump cover is provided with a manual air vent screw for venting of the pump housing and the shaft seal chamber.

The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft.

Primary seal:

- · Rotating seal ring material: silicon carbide (SiC)
- Stationary seat material: silicon carbide (SiC)

This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.

Secondary seal material: EPDM (ethylene-propylene rubber)

EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.

The pump housing has feet.

## Motor



Date: 22/04/2021

#### Qty. Description

The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.

The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.

The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (11/1).

## **Further product details**

## **Technical data**

Controls:

Frequency converter: NONE

Liquid:

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

Technical:

Pump speed on which pump data are based: 2810 rpm

Rated flow: 19.67 m<sup>3</sup>/h 10.14 m Rated head: Actual impeller diameter: 106 mm Nominal impeller diameter: 125 Shaft seal arrangement: Sinale Code for shaft seal: **BQQE** 

ISO9906:2012 3B2 Curve tolerance:

Bearing design: Standard

Materials:

Shaft:

Pump housing: Cast iron

EN-GJL-250 **ASTM class 35** 

Wear ring: **Brass** Impeller: **Bronze** CuSn10-C

> Stainless steel EN 1.4301

**AISI 304** 

Internal pump house coating: CED

Installation:

Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: **DN 50** Size of outlet connection: **DN 32** Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: Ν

Electrical data:

Motor type: WEG IE Efficiency class: IE3 Rated power - P2: 1.1 kW Mains frequency: 50 Hz



**Date:** 22/04/2021

Qty. | Description

Rated voltage: 3 x 220-240/380-415 V Rated current: 4,09-2,37/4,01-2,32 A

Cos phi - power factor: 0.85
Rated speed: 2810 rpm
Efficiency: IE3 83,1%
Motor efficiency at full load: 83.1-83.4 %
Motor efficiency at 3/4 load: 83.7-83 %

Number of poles: 2
Enclosure class (IEC 34-5): IP55
Insulation class (IEC 85): F

Motor No: 99737170

Others:

Minimum efficiency index, MEI ≥: 0.70

Net weight: 38 kg

Gross weight: 48 kg

Shipping volume: 0.134 m³

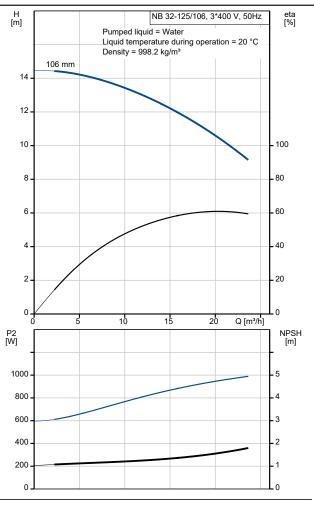
Country of origin: CN

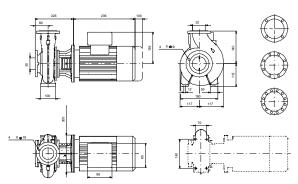
Custom tariff no.: 8413709062



**Date:** 22/04/2021

Description         Value           General Information:         NB 32-125/106 AF2BBQQE           Product name:         NB 32-125/106 AF2BBQQE           Product No:         99803652           EAN number:         5713834527548           Price:         Frice:           Technical:         19.67 m³/h           Pump speed on which pump data are based:         2810 rpm           Rated flow:         19.67 m³/h           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         18.09906:2012 3B2           Pump pump version:         A           Bearing design:         As 100906:2012 3B2           Pump bousing:         Cast iron           Pump housing:		
Product No:         99803652           EAN number:         5713834527548           Price:         5713834527548           Price:         1967 m³/h           Pump speed on which pump data are based:         19.67 m³/h           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump voising:         Standard           Materials:         Standard           Pump pousing:         Cast iron           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         CuSh10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         B           Code for r		Value
Product No:	General information:	
EAN number: 5713834527548  Price: Technical:	Product name:	NB 32-125/106 AF2BBQQE
Price:         Technical:           Pump speed on which pump data are based:         2810 rpm           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump yersion:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:	Product No:	99803652
Technical:           Pump speed on which pump data are based:         2810 rpm           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Very pression:           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         Bronze           Impeller:         CuSh10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         B           Code for rubber:         E           Installation:         Maximum ambient temperature:           Maximum ambient temperature:         0 °C           Size of inlet connection	EAN number:	5713834527548
Pump speed on which pump data are based:         19.67 m³/h           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         Bronze </td <td>Price:</td> <td></td>	Price:	
based:         19.67 m³/h           Rated flow:         19.67 m³/h           Rated head:         10.14 m           Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft seal arrangement:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           S	Technical:	
Rated head: 10.14 m  Maximum head: 14.5 m  Actual impeller diameter: 106 mm  Nominal impeller diameter: 125  Shaft seal arrangement: Single  Shaft diameter: 24 mm  Code for shaft seal: BQQE  Curve tolerance: ISO9906:2012 3B2  Pump version: A  Bearing design: Standard  Materials:  Pump housing: Cast iron  Pump housing: EN-GJL-250  Pump housing: Brass  Impeller: Bronze  Impeller: CuSn10-C  Shaft: Stainless steel  Shaft: Stainless steel  Shaft: AISI 304  Internal pump house coating: CED  Material code: B  Code for rubber: E  Installation:  Maximum ambient temperature: 40 °C  Maximum apperating pressure: 16 bar  Pipe connection standard: EN 1092-2  Size of inlet connection: DN 50  Size of outlet connection: PN 16  Pump housing with feet: Yes  Support block: N  Connect code: F2  Liquid: Pumped liquid: Water  Liquid temperature range: -25 120 °C  Selected liquid temperature: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: WEG  IE Efficiency class: IE3  Rated power - P2: 1.1 kW  Mains frequency: 50 Hz  Rated voltage: 3 x 220-240/380-415 V  Rated speed: 2810 rpm	Pump speed on which pump data are based:	2810 rpm
Maximum head:         14.5 m           Actual impeller diameter:         106 mm           Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Wad rion:           Pump housing:         Cast iron           Pump housing:         EN-GJL-250           Pump housing:         Brass           Wear ring:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         Maximum ambient temperature:           Maximum apperating pressure:         16 bar           Pipe connection standard:         EN 1092-2	Rated flow:	19.67 m³/h
Actual impeller diameter: 125 Shaft seal arrangement: 24 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Bearing design: Standard Materials: Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Bronze Impeller: Cusn10-C Shaft: Stainless steel Shaft: AISI 304 Internal pump house coating: CED Material code: B Code for rubber: E Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 32 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: E2 Liquid: Water Liquid temperature: 20 °C Density: Best Stainless Rated power - P2: 1.1 kW Mains frequency: Stainless Rated speed: 2810 rpm	Rated head:	10.14 m
Nominal impeller diameter:         125           Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         EN-GJL-250           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         Internal pump house coating:           Maximum ambient temperature:         40 °C           Maximum ambient temperature:         40 °C           Maximum ambient temperature:         40 °C           Maximum ambient temperature:         DN 50           Size of inlet connection:         DN 32<	Maximum head:	14.5 m
Shaft seal arrangement:         Single           Shaft diameter:         24 mm           Code for shaft seal:         BQCE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         EN-GJL-250           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         AISI 304           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         Maximum ambient temperature:           Maximum operating pressure:         16 bar           Pipe connection standard:         EN 1092-2           Size of outlet connection:         DN 50           Size of outlet connection:         DN 16           Pump housing:         EN 1092-2	Actual impeller diameter:	106 mm
Shaft diameter:         24 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         EN-GJL-250           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         Internal pump house coating:           Maximum ambient temperature:         40 °C           Maximum ambient temperature:         40 °C           Maximum operating pressure:         16 bar           Pipe connection standard:         EN 1092-2           Size of inlet connection:         DN 50           Size of outlet connection:         DN 50           Size of outlet connection:         PN 16           Pump housing with feet:	Nominal impeller diameter:	125
Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Standard           Pump housing:         Cast iron           Pump housing:         EN-GJL-250           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         Stainless steel           Shaft:         EN 1.4301           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         Image: CED           Maximum ambient temperature:         40 °C           Maximum operating pressure:         16 bar           Pipe connection standard:         EN 1092-2           Size of inlet connection:         DN 50           Size of outlet connection:         DN 32           Pipe connection standard:         EN 1092-2           Pressure rating for connection:         PN 16 <td>Shaft seal arrangement:</td> <td>Single</td>	Shaft seal arrangement:	Single
Curve tolerance:         ISO9906:2012 3B2           Pump version:         A           Bearing design:         Standard           Materials:         Pump housing:           Pump housing:         EN-GJL-250           Pump housing:         Brass           Impeller:         Bronze           Impeller:         CuSn10-C           Shaft:         Stainless steel           Shaft:         AISI 304           Shaft:         AISI 304           Internal pump house coating:         CED           Material code:         B           Code for rubber:         E           Installation:         B           Maximum ambient temperature:         40 °C           Maximum operating pressure:         16 bar           Pipe connection standard:         EN 1092-2           Size of inlet connection:         DN 50           Size of outlet connection:         DN 32           Pipe connection standard:         EN 1092-2           Pressure rating for connection:         PN 16           Pump housing with feet:         Yes           Support block:         N           Connect code:         F2           Liquid:         Water           Liq	Shaft diameter:	24 mm
Pump version: Bearing design: Standard  Materials:  Pump housing: Pump house coating: Pum house factors Pump house factors Pump house factors Pump hou	Code for shaft seal:	BQQE
Bearing design:  Materials:  Pump housing: Pump house coating: Pump house coating: Pump house coating: Pump house coating: Pump house: Pup connection: Pump housing pressure: Pump housing with feet: Pump housing house housing with feet had a house h	Curve tolerance:	ISO9906:2012 3B2
Materials:  Pump housing: Cast iron  Pump housing: EN-GJL-250  Pump housing: ASTM class 35  Wear ring: Brass  Impeller: Bronze  Impeller: CuSn10-C  Shaft: Stainless steel  Shaft: AISI 304  Internal pump house coating: CED  Material code: B  Code for rubber: E  Installation:  Maximum ambient temperature: 40 °C  Maximum operating pressure: 16 bar  Pipe connection standard: EN 1092-2  Size of inlet connection: DN 32  Pipe connection standard: EN 1092-2  Pressure rating for connection: PN 16  Pump housing with feet: Yes  Support block: N  Connect code: F2  Liquid: Water  Liquid temperature range: -25 120 °C  Selected liquid temperature: 20 °C  Density: 998.2 kg/m³  Electrical data:  Motor type: WEG  IE Efficiency class: IE3  Rated power - P2: 1.1 kW  Mains frequency: 50 Hz  Rated current: 4,09-2,37/4,01-2,32 A  Cos phi - power factor: 0.85  Rated speed: 2810 rpm	Pump version:	A
Pump housing: EN-GJL-250 Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Bronze Impeller: CuSn10-C Shaft: Stainless steel Shaft: Stainless steel Shaft: AISI 304 Internal pump house coating: CED Material code: B Code for rubber: E Installation:  Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: WEG IE Efficiency class: IE3 Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated current: 4,09-2,37/4,01-2,32 A Cos phi - power factor: 0.85 Rated speed: 2810 rpm	Bearing design:	Standard
Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass Impeller: Bronze Impeller: CuSn10-C Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Internal pump house coating: CED Material code: B Code for rubber: E Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: WEG IE Efficiency class: IE3 Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240/380-415 V Rated current: 4,09-2,37/4,01-2,32 A Cos phi - power factor: 0.85 Rated speed: 2810 rpm	Materials:	
Pump housing: Wear ring: Impeller: Impeller: Impeller: CuSn10-C Shaft: Stainless steel Shaft: Stainless steel Shaft: Shaft: AISI 304 Internal pump house coating: CED Material code: Installation: Maximum ambient temperature: Maximum operating pressure: Pipe connection standard: Size of inlet connection: Pipe connection standard:	Pump housing:	Cast iron
Wear ring: Impeller: Impeller: Impeller: CuSn10-C Shaft: Stainless steel Shaft: Shaft: Internal pump house coating: CED Material code: B Code for rubber: Installation: Maximum ambient temperature: Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 50 Size of outlet connection: Pipe connection standard: EN 1092-2 Pressure rating for connection: Pump housing with feet: Support block: Connect code: F2 Liquid: Pumped liquid: Liquid temperature: aperature: Motor type: WEG IE Efficiency class: Rated power - P2: Rated voltage: Rated speed: Rated power factor: Rated speed: Rated power factor: Rated speed: Rated	Pump housing:	EN-GJL-250
Wear ring:BrassImpeller:BronzeImpeller:CuSn10-CShaft:Stainless steelShaft:EN 1.4301Shaft:AISI 304Internal pump house coating:CEDMaterial code:BCode for rubber:EInstallation:EMaximum ambient temperature:40 °CMaximum operating pressure:16 barPipe connection standard:EN 1092-2Size of inlet connection:DN 50Size of outlet connection:DN 32Pipe connection standard:EN 1092-2Pressure rating for connection:PN 16Pump housing with feet:YesSupport block:NConnect code:F2Liquid:WaterLiquid temperature range:-25 120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:WEGMotor type:WEGIE Efficiency class:IE3Rated power - P2:1.1 kWMains frequency:50 HzRated voltage:3 x 220-240/380-415 VRated current:4,09-2,37/4,01-2,32 ACos phi - power factor:0.85Rated speed:2810 rpm	Pump housing:	ASTM class 35
Impeller:	_	Brass
Impeller:	_	Bronze
Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Internal pump house coating: CED Material code: B Code for rubber: E Installation:  Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³  Electrical data: Motor type: WEG IE Efficiency class: IE3 Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240/380-415 V Rated current: 4,09-2,37/4,01-2,32 A Cos phi - power factor: 0.85 Rated speed: 2810 rpm	•	
Shaft: EN 1.4301 Shaft: AISI 304 Internal pump house coating: CED  Material code: B Code for rubber: E Installation:  Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³  Electrical data:  Motor type: WEG IE Efficiency class: IE3 Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240/380-415 V Rated current: 4,09-2,37/4,01-2,32 A Cos phi - power factor: 0.85 Rated speed: 2810 rpm	•	Stainless steel
Shaft: Internal pump house coating: CED  Material code: Code for rubber:  Installation:  Maximum ambient temperature: Maximum operating pressure: Pipe connection standard: Size of inlet connection: Pipe connection standard: Pipe connection standard: Size of outlet connection: Pipe connection standard: PN 16 Pump housing with feet: Support block: Connect code: F2  Liquid: Pumped liquid: Water Liquid temperature range: Selected liquid temperature: 20 °C Density: Pessure rating for connection: PX Selected liquid temperature: Support block: Ves Support block: N Connect code: F2  Liquid: Pumped liquid: Water Liquid temperature range: Jest . 120 °C Selected liquid temperature: Selected liquid temperature: So °C Density: Selected logic less: IE3 Rated power - P2: 1.1 kW Mains frequency: So Hz Rated voltage: 3 x 220-240/380-415 V Rated current: 4,09-2,37/4,01-2,32 A Cos phi - power factor: 0.85 Rated speed:		
Internal pump house coating:  Material code:  Code for rubber:  Installation:  Maximum ambient temperature:  Maximum operating pressure:  Pipe connection standard:  Size of inlet connection:  Pipe connection standard:  PN 1092-2  Pressure rating for connection:  PN 16  Pump housing with feet:  Yes  Support block:  Connect code:  Liquid:  Pumped liquid:  Liquid temperature range:  Selected liquid temperature:  20 °C  Density:  Pessive Support block:  Selected liquid temperature:  10 °C  Selected liquid temperature:  11 Selectrical data:  Motor type:  WEG  IE Efficiency class:  Rated power - P2:  Mains frequency:  So Hz  Rated voltage:  3 x 220-240/380-415 V  Rated current:  4,09-2,37/4,01-2,32 A  Cos phi - power factor:  Rated speed:  2810 rpm	Shaft:	
Material code:  Code for rubber:  Installation:  Maximum ambient temperature:  Maximum operating pressure:  Pipe connection standard:  Size of inlet connection:  Pipe connection standard:  Note Support block:  N  Connect code:  F2  Liquid:  Pumped liquid:  Water  Liquid temperature range:  -25 120 °C  Selected liquid temperature:  20 °C  Density:  998.2 kg/m³  Electrical data:  Motor type:  WEG  IE Efficiency class:  IE3  Rated power - P2:  1.1 kW  Mains frequency:  50 Hz  Rated voltage:  3 x 220-240/380-415 V  Rated current:  4,09-2,37/4,01-2,32 A  Cos phi - power factor:  0.85  Rated speed:	- 11-11-11	
Code for rubber:  Installation:  Maximum ambient temperature:  Maximum operating pressure:  Pipe connection standard:  Size of inlet connection:  DN 50  Size of outlet connection:  Pipe connection standard:  PN 16  Pump housing with feet:  Support block:  Connect code:  Liquid:  Pumped liquid:  Usater  Liquid temperature range:  Selected liquid temperature:  Density:  Pessure rating for connection:  PN 16  Pump housing with feet:  Yes  Support block:  N  Connect code:  F2  Liquid:  Pumped liquid:  Usater  Liquid temperature range:  -25 120 °C  Selected liquid temperature:  20 °C  Density:  Pessure rating for connection:  PN 16  Ves  Support block:  N  Cos phi - power factor:  A0 °C  A1 °		
Installation:  Maximum ambient temperature:  Maximum operating pressure:  Pipe connection standard:  Size of inlet connection:  DN 50  Size of outlet connection:  DN 32  Pipe connection standard:  EN 1092-2  Pressure rating for connection:  PN 16  Pump housing with feet:  Yes  Support block:  Connect code:  Liquid:  Pumped liquid:  Liquid temperature range:  -25 120 °C  Selected liquid temperature:  Density:  Pestimate yes  WEG  IE Efficiency class:  Rated power - P2:  Mains frequency:  Rated voltage:  Rated current:  Cos phi - power factor:  Rated speed:  Rated speed:  16 bar  40 °C  W 16 bar  Pump92-2  PN 16  PN 16  PV 98 16  PV 98 2  Ves  Support block:  N  Ves  Support block:  16 bar  16 bar  16 bar  16 bar  10 bar  10 bar  11 bar  12 bar  13 bar  14 bar  15 bar  16 bar  16 bar  18 bar  19 bar  10 bar  10 bar  11 bar  12 bar  13 bar  14 bar  15 bar  16 bar  16 bar  16 bar  16 bar  18 bar  19 bar  10 bar  1		
Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: Connect code: F2 Liquid: Pumped liquid: Uquid temperature range: Liquid temperature range: Selected liquid temperature: Density: Pessure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2  Liquid: Pumped liquid: Uguid: Vwater Liquid temperature range: 20 °C Selected liquid temperature: Upunged liquid: Upunged liq		
Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 50 Size of outlet connection: DN 32 Pipe connection standard: EN 1092-2 Pressure rating for connection: PN 16 Pump housing with feet: Yes Support block: Connect code: F2 Liquid: Pumped liquid: Uquid temperature range: Liquid temperature range: Selected liquid temperature: Density: Pessure rating for connection: PN 16 Pump housing with feet: Yes Support block: N Connect code: F2  Liquid: Pumped liquid: Uguid: Vwater Liquid temperature range: 20 °C Selected liquid temperature: Upunged liquid: Upunged liq	Maximum ambient temperature:	40 °C
Pipe connection standard:  Size of inlet connection:  DN 50  Size of outlet connection:  DN 32  Pipe connection standard:  Pipe connection standard:  Pressure rating for connection:  PN 16  Pump housing with feet:  Support block:  Connect code:  F2  Liquid:  Pumped liquid:  Water  Liquid temperature range:  Selected liquid temperature:  Density:  Pessor  Selectrical data:  Motor type:  IE Efficiency class:  Rated power - P2:  Nated voltage:  Rated voltage:  Rated current:  4,09-2,37/4,01-2,32 A  Cos phi - power factor:  Rated speed:  EN 1092-2  EN 1092-2  EN 1092-2  EN 16  EN 1092-2  EN 1092-2  EN 16  EN 1092-2  EN 1092-2  EN 16  EN 1092-2  The Wes  Support block:  N  Ves  Support block:  N  Ves  Support block:  N  Ves  Support block:  N  Ves  Support block:  N  EN 1092-2  The Wes  Support block:  N  Support block:  N  Ves  Support block:  N  Cos phi - power factor:  O.85  Rated speed:	•	
Size of inlet connection:  Size of outlet connection:  DN 32  Pipe connection standard:  Pressure rating for connection:  Pump housing with feet:  Support block:  Connect code:  F2  Liquid:  Pumped liquid:  Under tiquid temperature range:  Selected liquid temperature:  Density:  Density:  WEG  IE Efficiency class:  Rated power - P2:  Rated voltage:  Rated voltage:  Rated speed:  DN 32  EN 32  EN 1092-2  PN 16  N  Ves  Support block:  N  Vater  20 °C  20 °C  998.2 kg/m³  Electrical data:  WEG  IE 3  Rated power - P2:  1.1 kW  A) 4,09-2,37/4,01-2,32 A  Cos phi - power factor:  0.85  Rated speed:		
Size of outlet connection:  Pipe connection standard:  Pipe connection standard:  Pressure rating for connection:  PN 16  Pump housing with feet:  Support block:  Connect code:  Liquid:  Pumped liquid:  Uater  Liquid temperature range:  Selected liquid temperature:  Density:  Pess 2  Liquid:  Water  Liquid temperature range:  20 °C  Selected liquid temperature:  Density:  Pumped liquid temperature:  20 °C  Selected liquid temperature:  Density:  Pumped liquid temperature:  10 °C  Selected liquid temperature:  20 °C  Density:  998.2 kg/m³  Electrical data:  Motor type:  IE3  Rated power - P2:  1.1 kW  Mains frequency:  50 Hz  Rated voltage:  3 x 220-240/380-415 V  Rated current:  4,09-2,37/4,01-2,32 A  Cos phi - power factor:  0.85  Rated speed:  2810 rpm		
Pipe connection standard:  Pressure rating for connection:  PN 16  Pump housing with feet:  Support block:  Connect code:  Liquid:  Pumped liquid:  Uiquid temperature range:  Selected liquid temperature:  Density:  Pess 2  Liquid temperature:  20 °C  Selected liquid temperature:  Density:  WEG  IE Efficiency class:  Rated power - P2:  Mains frequency:  Rated voltage:  Rated voltage:  Rated current:  Cos phi - power factor:  Rated speed:  EN 1092-2  PN 16  PN 16  PN 16  PN 16  PN 16  PESS 3  Rated  PN 16  Wes  IE 2  Liquid:  Water  20 °C  Selected liquid temperature:  20 °C  Density:  998.2 kg/m³  Electrical data:  Motor type:  IE 3  Rated power - P2:  1.1 kW  Mains frequency:  50 Hz  Rated speed:  Rated speed:  Rated speed:  2810 rpm		
Pressure rating for connection: PN 16 Pump housing with feet: Support block: N Connect code: F2 Liquid: Pumped liquid: Uquid temperature range: Selected liquid temperature: Density: Selected liquid temperature: Density: Selectrical data: Motor type: WEG IE Efficiency class: Rated power - P2: Nated power - P2: Rated voltage: Rated voltage: Rated current: A,09-2,37/4,01-2,32 A Cos phi - power factor: Rated speed: Rated speed:		
Pump housing with feet:         Yes           Support block:         N           Connect code:         F2           Liquid:         Water           Liquid temperature range:         -25 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm	•	
Support block:         N           Connect code:         F2           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -25 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm	_	
Connect code:         F2           Liquid:         Water           Pumped liquid:         Water           Liquid temperature range:         -25 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		
Liquid:         Pumped liquid:         Water           Liquid temperature range:         -25 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		
Pumped liquid:         Water           Liquid temperature range:         -25 120 °C           Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		1 2
Liquid temperature range:       -25 120 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Electrical data:       WEG         IE Efficiency class:       IE3         Rated power - P2:       1.1 kW         Mains frequency:       50 Hz         Rated voltage:       3 x 220-240/380-415 V         Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm	•	Water
Selected liquid temperature:         20 °C           Density:         998.2 kg/m³           Electrical data:         WEG           Motor type:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		
Density:         998.2 kg/m³           Electrical data:         WEG           Motor type:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		
Electrical data:           Motor type:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm		
Motor type:         WEG           IE Efficiency class:         IE3           Rated power - P2:         1.1 kW           Mains frequency:         50 Hz           Rated voltage:         3 x 220-240/380-415 V           Rated current:         4,09-2,37/4,01-2,32 A           Cos phi - power factor:         0.85           Rated speed:         2810 rpm	_	550.2 Ng/III
IE Efficiency class:       IE3         Rated power - P2:       1.1 kW         Mains frequency:       50 Hz         Rated voltage:       3 x 220-240/380-415 V         Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm		WEG
Rated power - P2:       1.1 kW         Mains frequency:       50 Hz         Rated voltage:       3 x 220-240/380-415 V         Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm		
Mains frequency:       50 Hz         Rated voltage:       3 x 220-240/380-415 V         Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm	-	
Rated voltage:       3 x 220-240/380-415 V         Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm		
Rated current:       4,09-2,37/4,01-2,32 A         Cos phi - power factor:       0.85         Rated speed:       2810 rpm		
Cos phi - power factor: 0.85 Rated speed: 2810 rpm		
Rated speed: 2810 rpm		
Efficiency: IE3 83,1%		· ·
	Επιciency:	IE3 83,1%







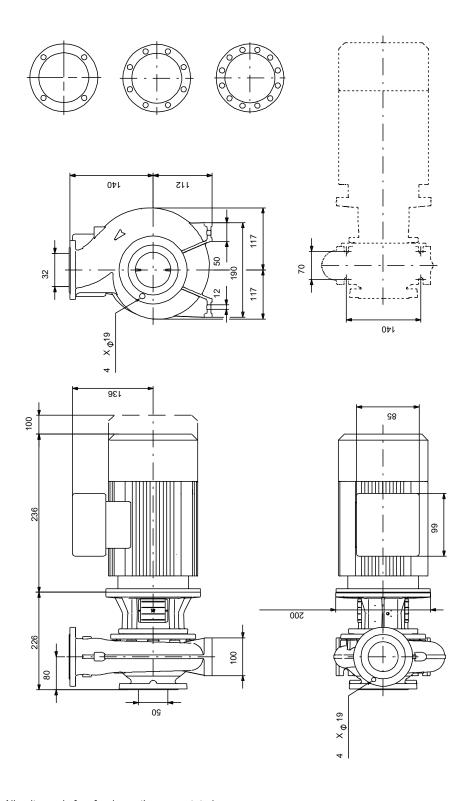
**Date:** 22/04/2021

Description	Value
Motor efficiency at full load:	83.1-83.4 %
Motor efficiency at 3/4 load:	83.7-83 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	99737170
Mount. design. acc. IEC 34-7:	IM B5
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	38 kg
Gross weight:	48 kg
Shipping volume:	0.134 m³
Country of origin:	CN
Custom tariff no.:	8413709062



22/04/2021 Date:

# 99803652 NB 32-125/106 AF2BBQQE 50 Hz



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



**Date:** 22/04/2021

**Order Data:** 

Product name: NB 32-125/106

Amount: 1

Product No: 99803652

Price:

Total: Price on request