Qty. | Description

1 NBE 125-200/219 BASF2AESBQQENW3



Note! Product picture may differ from actual product

Product No.: 98976193

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 motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.

Controls:

Frequency converter: Built-in Pressure sensor: N

Liquid:

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

Technical:

Pump speed on which pump data are based: 1460 rpm

Rated flow: 257.8 m³/h
Rated head: 12.06 m
Actual impeller diameter: 219 mm
Nominal impeller diameter: 200
Shaft seal arrangement: Single
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Bearing design: Standard

Materials:

Pump housing: Cast iron

EN-GJL-250 ASTM class 35

Wear ring: Brass
Impeller: Cast iron
EN-GJL-200

EN-GJL-200 ASTM class 30

Internal pump house coating: CED

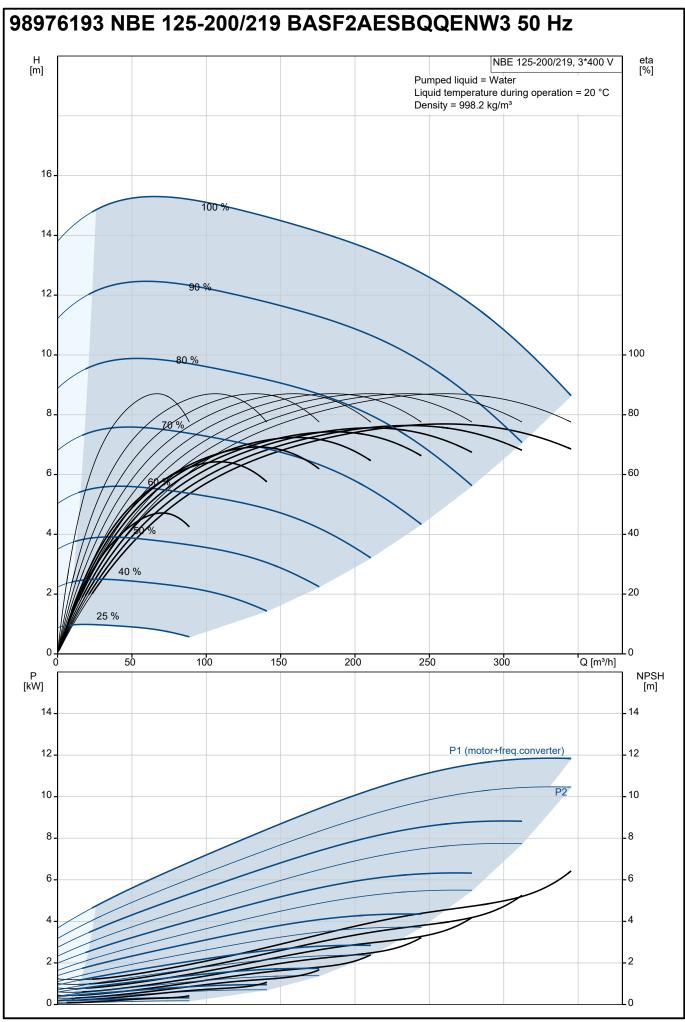
Shaft: Stainless steel

EN 1.4301 AISI 304

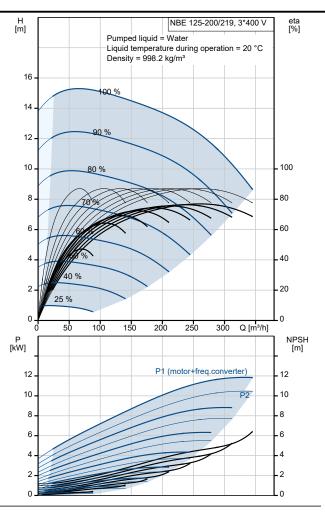
Installation:

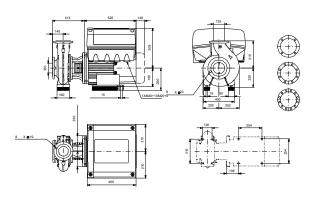
Range of ambient temperature: -20 .. 40 °C
Maximum operating pressure: 16 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 150
Size of outlet connection: DN 125
Pressure rating for connection: PN 16

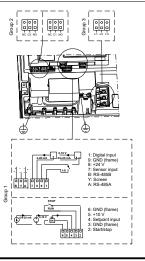
Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE Efficiency class: IE3 Rated power - P2: 11 kW 50 Hz Mains frequency: 3 x 380-480 V Rated voltage: Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 240-1750 rpm Rated speed: Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): Motor No: 86906207 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 264 kg Gross weight: 296 kg Shipping volume: $0.951 \, m^3$ Danish VVS No.: 386106203 Country of origin: HU Custom tariff no.: 84137051



Description Value General information: NBE 125-200/219 BASF 2AESBQENW3 Product No: 98976193 EAN number: 5712604557297 Technical: Pump speed on which pump data are based: Rated flow: 257.8 m³/h Rated head: 12.06 m Actual impeller diameter: 219 mm Nominal impeller diameter: 200 Shaft seal arrangement: Single Shaft seal arrangement: BQQE Curve tolerance: IS09906:2012 3B Pump housing: Standard Materials: Pump housing: Pump housing: Cast iron Pump housing: Cast iron Pump housing: ASTM class 35 Wear ring: Brass Impeller: Cast iron Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: ASTM		
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Product No: 98976193 Product No: 98976193 Product No: 5712604557297 Technical: Pump speed on which pump data are based: 257.8 m³/h Rated flow: 257.8 m³/h Rated head: 12.06 m Actual impeller diameter: 219 mm Nominal impeller diameter: 200 Shaft seal arrangement: Single Shaft diameter: 32 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Cast iron Pump housing: Brass Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: AISI 304 Installation: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 125 Pressure rating for connection: DN 125 Pressure rating for connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated opower - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 20-1750 rpm Efficiency at full load: 91.4 % Motor No: 86906207	General information:	
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Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: Pump housing: EN-GJL-250 Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Cast iron Impeller: Cast iron Impeller: EN-GJL-200 Impeller: ASTM class 35 Wear ring: Brass Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 150 Size of outlet connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91.4 % Number of poles: 4 Enclosure class (IEC 84-5): IP55 Insulation roots protection: YES Motor No: 86906207		
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Bearing design: Standard		
Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: EN-GJL-260 Pump housing: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 150 Pressure rating for connection: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F2 Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 35): F Built-in motor protection: YES Motor No: 86906207	•	• •=
Pump housing: EN-GJL-250 Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: BN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F2 Liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.991-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207		Standard
Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 150 Size of outlet connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207		Coatiron
Pump housing: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 150 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x x 380-480 V Rated current: 22 0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation rouse. YES Motor No: 86906207	, ,	
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Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207	Code for rubber:	E
Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207	Shaft:	Stainless steel
Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207	Shaft:	EN 1.4301
Range of ambient temperature: -20 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y 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: IE Efficiency class: IE3 Rated power - P2: 11 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 22.0-17.8 A Cos phi - power factor: 0.91-0.90 Rated speed: 240-1750 rpm Efficiency: IE3 91,4% Motor efficiency at full load: 91.4 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906207	Shaft:	AISI 304
Maximum operating pressure: Pipe connection standard: Pipe connection standard: Size of inlet connection: DN 150 Size of outlet connection: DN 125 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Pessure rating for connection: PN 16 Bearing lubrication: F2 Connect code: F2 Liquid: Pumped liquid: Uiquid: Fiquid temperature range: Selected liquid temperature: Density: Selected liquid: Density		
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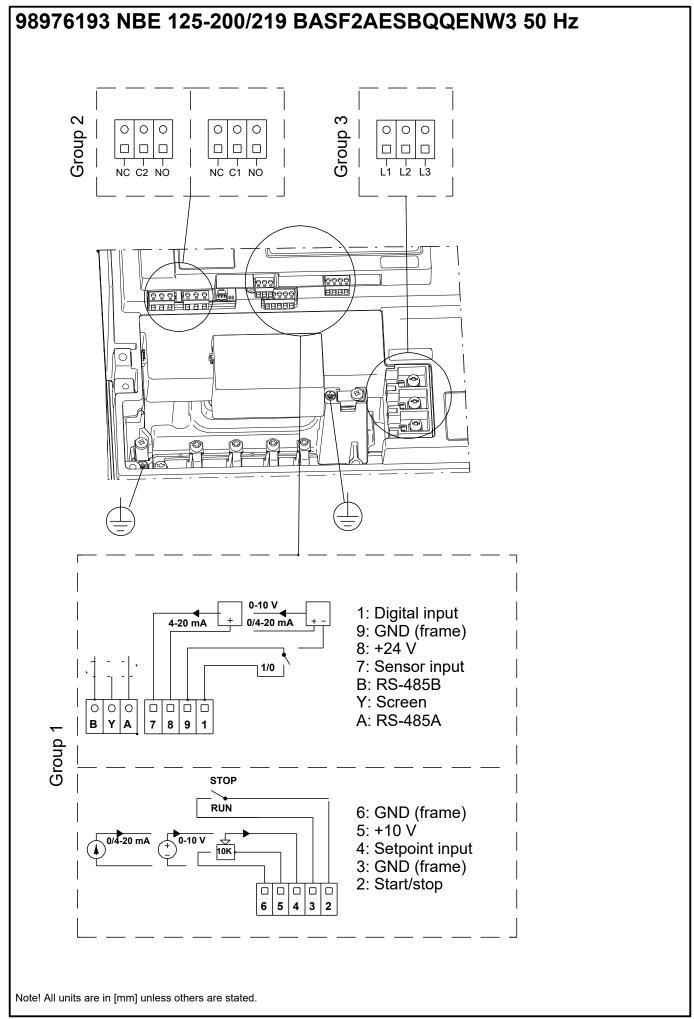






Description	Value
Controls:	
Control panel:	Standard
Function Module:	PUMP I/O
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	264 kg
Gross weight:	296 kg
Shipping volume:	0.951 m³
Danish VVS No.:	386106203
Country of origin:	HU
Custom tariff no.:	84137051

98976193 NBE 125-200/219 BASF2AESBQQENW3 50 Hz 1XM40+1XM20+2---**((D) (4)** Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		NBE 125-200/219	1	98976193	Price on request		
					requesi		