Qty. | Description

1 NBE 150-200/224 AASF1AESBQQEOW3



Note! Product picture may differ from actual product

Product No.: 98762436

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 10 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: 399.7 m³/h
Rated head: 9.631 m
Actual impeller diameter: 224 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 ASTM class 30

Internal pump house coating: CED

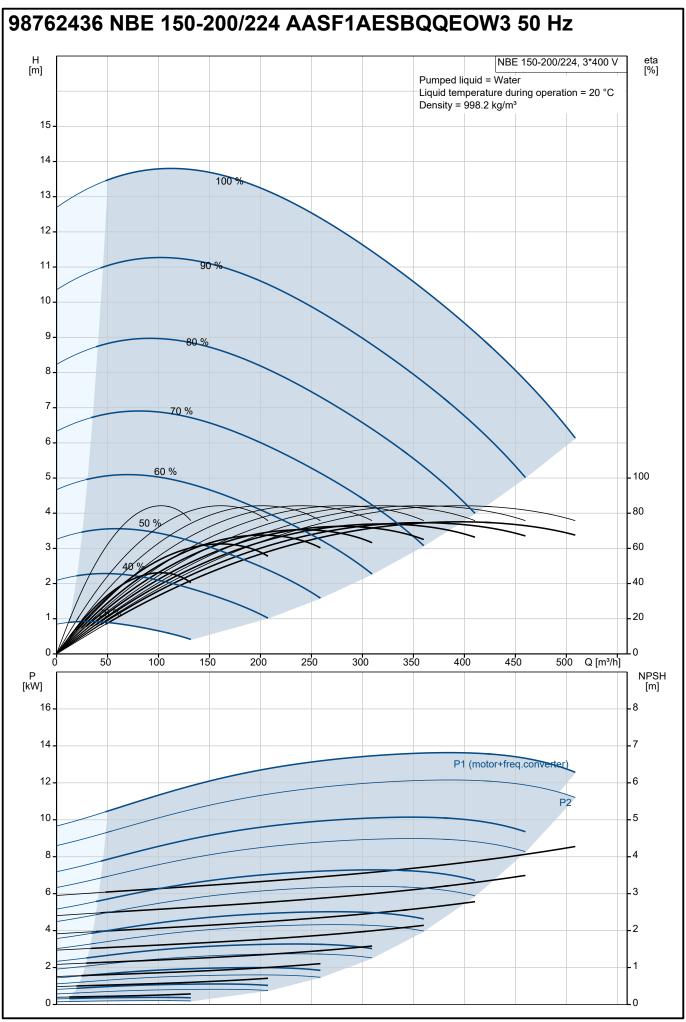
Shaft: Stainless steel

EN 1.4301 AISI 304

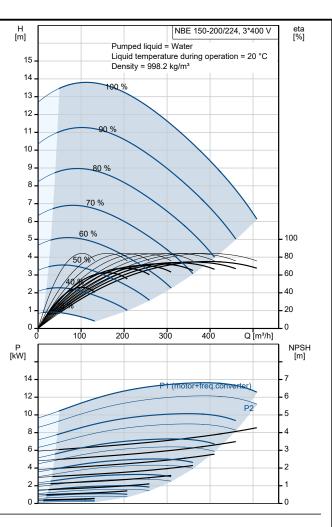
Installation:

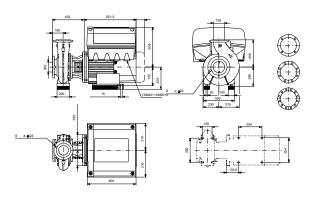
Range of ambient temperature: -20 .. 40 °C
Maximum operating pressure: 10 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 200
Size of outlet connection: DN 150
Pressure rating for connection: PN 10

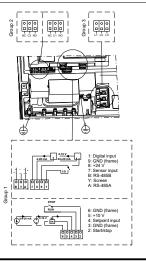
Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW 50 Hz Mains frequency: 3 x 380-480 V Rated voltage: Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 240-1750 rpm Rated speed: Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): Motor No: 86906101 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 375 kg Gross weight: 407 kg Shipping volume: 0.951 m³ Danish VVS No.: 386107203 Country of origin: HU Custom tariff no.: 84137051



Description Value General information: NBE 150-200/224 AASF 1AESBQGEOW3 Product name: NBE 150-200/224 AASF 1AESBQGEOW3 Product No: 98762436 EAN number: 5712601030960 Technical: Pump speed on which pump data are based: Pump speed on which pump data are based: 1460 rpm Rated flow: 399.7 m³/h Rated head: 9.631 m Actual impeller diameter: 200 Shaft seal arrangement: Single Shaft seal arrangement: 32 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: Cast iron Pump housing: Cast iron Pump housing: Cast iron Pump housing: ASTM class 35 Wear ring: Brass Impeller: Cast iron Impeller: EN-GJL-250 Impeller: EN-GJL-200 Impeller: EN-GJL-250 <t< th=""><th></th><th></th></t<>		
Product name: NBE 150-200/224 AASF142BQQEOW3 Product No: 98762436 EAN number: 5712601030960 Technical: 98762436 EAN pump speed on which pump data are based: 9631 m Actual impeller diameter: 224 mm Nominal impeller diameter: 224 mm Nominal impeller diameter: 32 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: 9896:2012 3B Pump housing: Cast iron Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass Impeller: Cast iron 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: Stainless steel Shaft: National Shaft: EN 1,4301 Shaft: IS National Shaft: EN 1,4301 Shaft: National Shaft: EN 1,092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: DN 150 Pressure rating for connection: DN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 Liquid: Pumped liquid: Liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 20 °C Selected liquid temperature: 29 °C Selected liquid temperature: 39 °C Selected liquid temperature:	•	Value
Product No: 98762436 EAN number: 5712601030960 Technical: Pump speed on which pump data are based: 3 Rated flow: 399.7 m³/h Rated head: 9.631 m Actual 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: Cast iron Impeller: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: EN-GJL-200 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: AISI 304 Installation:	General information:	
Product No: 98762436 EAN number: 5712601030960 Technical: Pump speed on which pump data are based: 9.631 m Actual impeller diameter: 224 mm Nominal impeller diameter: 224 mm Nominal impeller diameter: 32 mm Code for shaft seal: BQQE Curve tolerance: ISO9996.2012 3B Pump version: AS Bearing design: Standard Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: EN-GJL-	Product name:	
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Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Matorials: Vandard Pump housing: Cast iron 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: Stainless steel Shaft: ASTM class 30 Installation: Rals 304 Range of ambient temperature: P. C. Shaft: ASTM class 30 Installation: Rals 304 Installation: Rals 304 Installation: Rals 304 Installation: P. C. Range of ambient temperature:	•	•
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Pump version: Standard Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Cast iron 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: Stainless steel Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25 4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 84): IP55 Insulation motor protection: YES Motor No: 86906101		
Bearing design: Materials: Pump housing: Pump housing: EN-GJL-250 Pump housing: Brass Impeller: Impeller: Impeller: Impeller: Internal pump house coating: CED Material code: ACode for rubber: Shaft: Stainless steel Shaft: Shaft: Shaft: Stainless steel Shaft: AISI 304 Installation: Range of ambient temperature: Pipe connection standard: Size of inlet connection: DN 200 Size of outlet connection: Pressure rating for connection: Pump housing with feet: Support block (Yes/No): YConnect code: F1 Liquid: Pumped liquid: Eletfrical data: IE Efficiency class: Rated power - P2: Rated voltage: Rated speed: Elficiency: E		
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: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	•	• •=
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: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 50 Pressure rating for connection: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		Candara
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: EN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 200 Size of outlet connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		Cast iron
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: ASI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	, ,	
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Impeller:	-	Brass
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 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92.1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	-	Cast iron
Internal pump house coating: Material code: Code for rubber: Shaft: Shaft: Shaft: Shaft: Shaft: EN 1.4301 Shaft: Installation: Range of ambient temperature: Pipe connection standard: Pipe connection standard: Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: Prump housing with feet: Support block (Yes/No): Connect code: F1 Liquid: Pumped liquid: Water Liquid temperature range: Selected liquid temperature: Density: Pessity: Bearing lubrication: Support block (Yes/No): Y Connect code: F1 Liquid: Pumped liquid: F1 Liquid temperature range: Selected liquid temperature: Density: Selected liquid temperature: Density: Selectrical data: IE Efficiency class: Rated power - P2: The Water Rated voltage: Support So Hz Rated speed: Support Support So Hz Rated speed: Support S	Impeller:	EN-GJL-200
Material code: Code for rubber: Shaft: Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: Pipe connection standard: Pipe connection standard: DN 200 Size of inlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Connect code: F1 Liquid: Pumped liquid: Water Liquid temperature range: Colested liquid temperature: D° Selected liquid temperatu	Impeller:	ASTM class 30
Code for rubber: Shaft: Shaft: Stainless steel Shaft: AISI 304 Installation: Range of ambient temperature: Pipe connection standard: Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: Cos phi - power factor: 0.86-0.85 Rated speed: Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): Insulation class (IEC 85): F Built-in motor protection: YES Motor No:		CED
Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		<u> </u>
Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
Shaft: AISI 304 Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
Installation: Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
Range of ambient temperature: -20 40 °C Maximum operating pressure: 10 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		AISI 304
Maximum operating pressure: Pipe connection standard: Bize of inlet connection: Dix 200 Size of outlet connection: Dix 150 Pressure rating for connection: Pressure rating for connection: Bearing lubrication: Grease Pump housing with feet: Support block (Yes/No): Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Bearing lubrication: F1 Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: Efficiency: IE3 92,1% Motor efficiency at full load: Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): Built-in motor protection: YES Motor No: 86906101		-20 40 °C
Pipe connection standard: EN 1092-2 Size of inlet connection: DN 200 Size of outlet connection: DN 150 Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
Size of outlet connection: Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Support block (Yes/No): Connect code: F1 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: D		
Pressure rating for connection: PN 10 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	Size of inlet connection:	DN 200
Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F1 Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Pelectrical data: IE Efficiency class: Rated power - P2: Mains frequency: Sated voltage: Rated voltage: Rated current: Cos phi - power factor: Rated speed: Efficiency at full load: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: YES Motor efficiency in Ease (IEC 34-6): Built-in motor protection: YES Motor efficiency in Ease (IEC 34-6): Built-in motor protection: YES Motor No: Reference Yes Motor efficiency in Ease (IEC 34-6): Built-in motor protection: YES Motor No: Reference Yes Motor Pilose Yes Motor No: Reference Yes Motor No: Reference Yes Motor No: Reference Yes Motor No: Yes Motor No: Reference Yes Yes	Size of outlet connection:	DN 150
Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	Pressure rating for connection:	PN 10
Support block (Yes/No): Y Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	Bearing lubrication:	Grease
Connect code: F1 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: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		Yes
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Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
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Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 Rated speed: 240-1750 rpm Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
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Efficiency: IE3 92,1% Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	Cos phi - power factor:	0.86-0.85
Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101	Rated speed:	240-1750 rpm
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Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
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Built-in motor protection: YES Motor No: 86906101		
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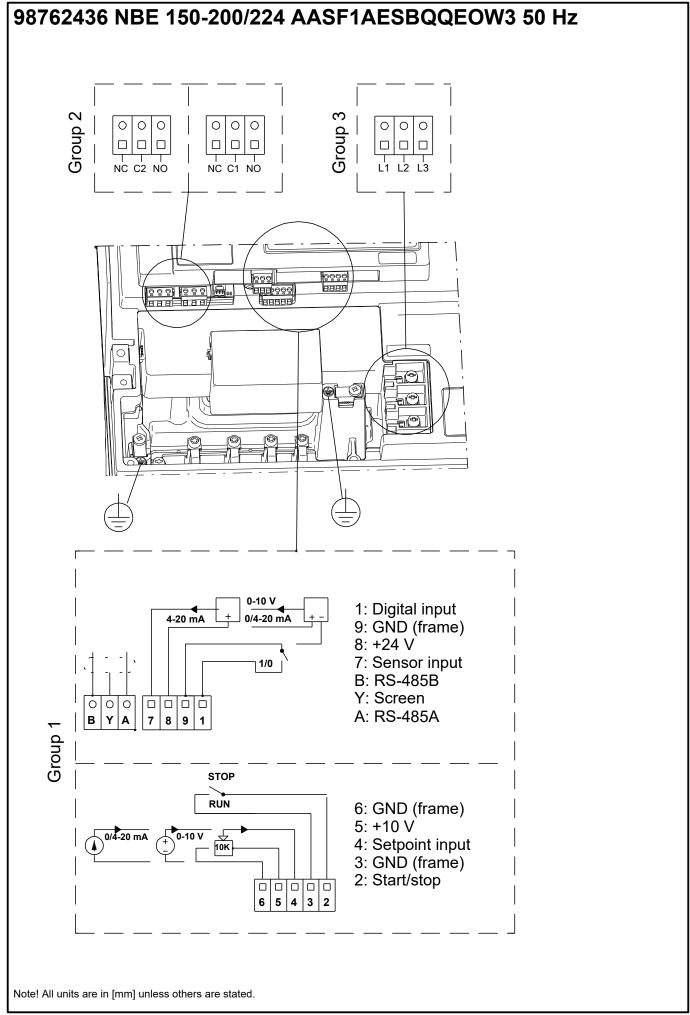






Description	Value
Controls:	
Control panel:	Standard
Function Module:	PUMP I/O
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	375 kg
Gross weight:	407 kg
Shipping volume:	0.951 m³
Danish VVS No.:	386107203
Country of origin:	HU
Custom tariff no.:	84137051

98762436 NBE 150-200/224 AASF1AESBQQEOW3 50 Hz 254 007 280 d20 1XM40+1XM20+2 300 308 ١90 510 210 1 **((D) (4)** 320 433 160 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 150-200/224	1	98762436	Price or request		
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