## Qty. | Description

## 1 NBE 125-250/236 AASF2AESBQQEOW3



Note! Product picture may differ from actual product

Product No.: 98349835

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: 237.6 m³/h
Rated head: 15.41 m
Actual impeller diameter: 236 mm
Nominal impeller diameter: 250
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

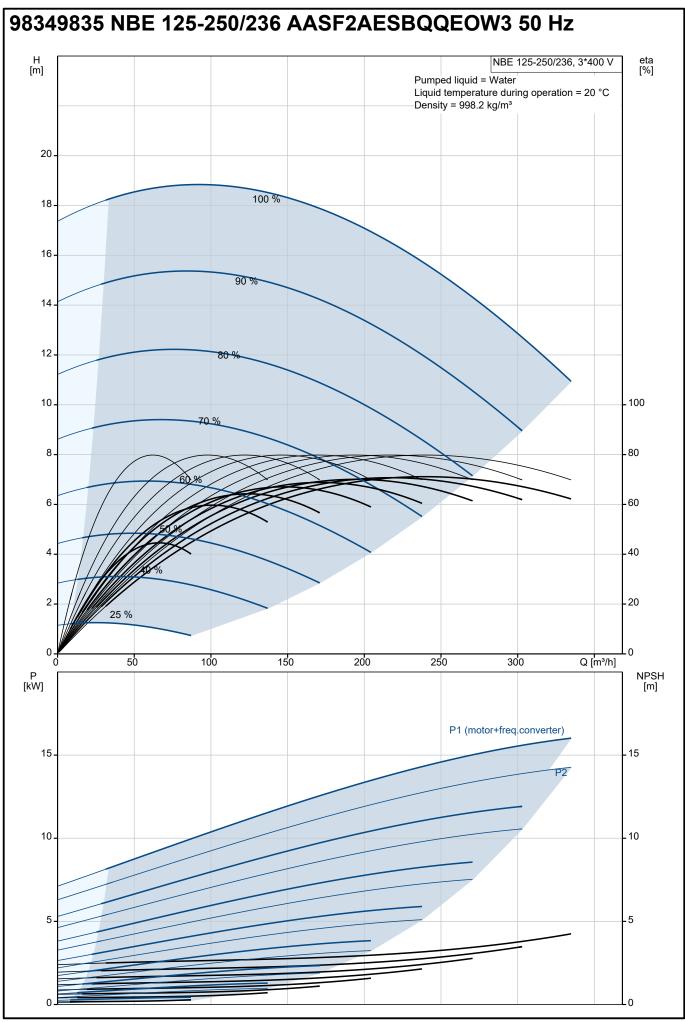
Shaft: Stainless steel

EN 1.4301 AISI 304

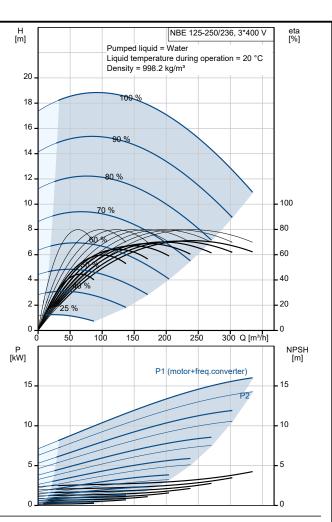
Installation:

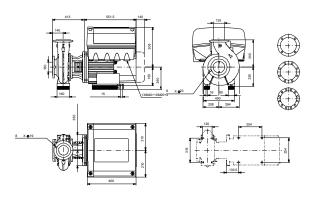
Range of ambient temperature: -20 .. 40 °C
Maximum operating pressure: 16 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 150
Size of outlet connection: DN 125
Pressure rating for connection: PN 16

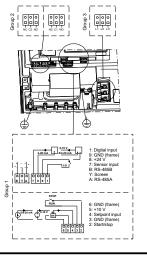
## Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW 50 Hz Mains frequency: 3 x 380-480 V Rated voltage: Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 240-1750 rpm Rated speed: 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 ≥: 0.62 Net weight: 322 kg Gross weight: 355 kg Shipping volume: 0.951 m<sup>3</sup> Danish VVS No.: 386106252 Country of origin: HU Custom tariff no.: 84137051



Description         Value           General information:         NBE 125-250/236           Product name:         NBE 125-250/236           Product No:         98349835           EAN number:         5711493437970           Technical:         1460 rpm           Pump speed on which pump data are based:         15.41 m           Rated flow:         237.6 m³/h           Rated head:         15.41 m           Actual impeller diameter:         236 mm           Nominal impeller diameter:         250           Shaft seal arrangement:         Single           Shaft seal arrangement:         980E           Shaft seal:         BQCE           Curve tolerance:         IS09906.2012 3B           Pump housing:         AS           Bearing design:         Standard           Materials:         Pump housing:           Pump housing:         Cast iron           Pump housing:         Cast iron           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         EN-GJL-250           Pump housing:         Cast iron           Impeller:         EN-GJL-250           Material code:         A      <		
Product name: NBE 125-250/236 AASF2AESBQEOW3  Product No: 98349835  EAN number: 5711493437970  Technical:	•	Value
Product No: 98349835   EAN number: 5711493437970   Technical:   Pump speed on which pump data are based:   Rated flow: 237.6 m³/h   Rated head: 15.41 m   Actual impeller diameter: 250   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   Impeller: ASTM class 35   Wear ring: Brass   Impeller: EN-GJL-200   Impeller: BN-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:	General information:	
Product No: 98349835  EAN number: 5711493437970  Technical:  Pump speed on which pump data are based: 15.41 m  Actual impeller diameter: 236 mm  Nominal impeller diameter: 250  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  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:  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 156  Bearing lubrication: Grease  Pump housing with feet: Yes  Support block (Yes/No): Y  Connect code: F2  Liquid:  Pumped liquid: Liquid temperature: 20 °C  Beasing: Salo-480 V  Rated opwer - P2: 15 kW  Mains frequency: 50 Hz  Rated voltage: 3 x 380-480 V  Rated current: 29 025.4 A  Cos phi - power factor: 0.86-0.85  Rated speed: 240-1750 rpm  Efficiency also: 165 E  Insullation and so yes  Rated speed: 240-1750 rpm  Efficiency also: 169 E  Efficiency also: 169 E  Enclosure class (IEC 34-5): IP55  Insullation motor protection: YES  Motor No: 86906101	Product name:	
EAN number: 5711493437970 Technical: Pump speed on which pump data are bassed: Rated flow: 237.6 m³/h Rated head: 15.41 m Actual impeller diameter: 236 mm Nominal impeller diameter: 250 Shaft seal arrangement: Single Shaft diameter: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: ASTM class 30 Internal pump house coating: AA Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: Royal ASTM class 30 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: 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 Selected liquid temperature: 21 SkW Mains frequency: 50 Hz Rated voltage: 3 x 380-480 V Rated current: 29.0-25.4 A Cos phi -power factor: 186-085 Rated speed: 240-1750 rpm Efficiency: 163 Selection: 1750 rpm Efficiency: 165 Selection: 1750 rpm Efficiency: 165 Selection: 1750 rpm Efficiency: 1750 rpm E	Draduct No.	
Technical:  Pump speed on which pump data are based:  Rated flow:  Rated head:  Actual impeller diameter:  Single  Shaft seal arrangement:  Single  Shaft diameter:  32 mm  Code for shaft seal:  BoQE  Curve tolerance:  ISO9906:2012 3B  Pump version:  Bearing design:  Pump housing:  Pump housing:  Pump housing:  Pump housing:  Pump housing:  Pump housing:  Cast iron  Pump lousing:  Pump housing:  Pump housing:  Cast iron  Pumpleler:  Rarss  Impeller:  Impeller:  Impeller:  ASTM class 35  Wear ring:  Brass  Impeller:  ASTM class 30  Internal pump house coating:  CED  Material code:  A Code for rubber:  Shaft:  Shaft:  Stainless steel  Shaft:  Shaft:  AISI 304  Installation:  Range of ambient temperature:  Range of ambient temperature:  Pipe connection standard:  EN 1092-2  Size of inlet connection:  DN 125  Pressure rating for connection:  Bearing lubrication:  Pump diquid:  Pumped liquid:  Pumped li		
Pump speed on which pump data are based:		3711433437370
are based: Rated flow: 237.6 m³/h Rated head: 15.41 m Actual impeller diameter: 250 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: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: 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: RN 1.4301 Shaft: AIS 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 125 Pressure rating for connection: DN 125 Pressure rating for connection: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: F2 Liquid: Pumped liquid: Water 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 speed: 240-1750 rpm Efficiency: IE3 92,1% Motor No: 86906101		1460 rpm
Rated head:	are based:	1400 τριτί
Actual impeller diameter: 250 Shaft seal arrangement: Single Shaft diameter: 32 mm Code for shaft seal: BOQE Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard Materials: Pump housing: Cast iron Pump housing: EN-GJL-250 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: ASTM	Rated flow:	237.6 m³/h
Nominal impeller diameter:	Rated head:	15.41 m
Shaft deameter:         32 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISO9906:2012 3B           Pump version:         AS           Bearing design:         Standard           Materials:         Verm phousing:           Pump housing:         EN-GJL-250           Pump housing:         ASTM class 35           Wear ring:         Brass           Impeller:         Cast iron           Impeller:         ASTM class 35           Wear ring:         Rast ass           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:         ASI 304	' '	236 mm
Shaft diameter:         32 mm           Code for shaft seal:         BQQE           Curve tolerance:         ISOO9906:2012 3B           Pump version:         AS           Bearing design:         Standard           Materials:         Pump housing:           Pump housing:         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:         AISI 304           Installation:         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 155           Size of outlet connection:         DN 125           Pressure rating for connection:		
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:         AC Code for rubber:           Range of ambient temperature:         -20 40 °C           Maximum operating pressure:         16 bar           Pipe connection standard:         EN 1092-2           Size of outlet connection:         DN 150           Size of outlet connection:	•	-
Curve tolerance: ISO9906:2012 3B Pump version: AS Bearing design: Standard  Materials: 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: 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: 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: 140-1750 rpm Efficiency: IE3 92.1 % Motor efficiency at full load: 92.1 % Number of poles: 4 Enclosure class (IEC 85): F Built-in motor protection: YES Motor No: 86906101		
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: 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: 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	<del></del>	
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: AISI 304 Installation: Range of ambient temperature: Pipe connection standard: Size of inlet connection: DN 150 Size of outlet connection: Pump housing: Water ating for connection: Pump housing: Water ating the feet yes Support block (Yes/No): YConnect code: ELiquid: Pumped liquid: Eliquid temperature: 20 °C Density: Pessure rating for connection: DN 150 Size of outlet connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Y Connect code: E2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Density: 998.2 kg/m³ Electrical data: IE Efficiency class: Rated power - P2: Mater ating for connection: Size of outlet connection: Basing liquid temperature: 20 °C Density: Basing liquid temperature: Basing liquid: Ba		
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: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 150 Size of outlet connection: DN 150 Bearing lubrication: 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: 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: 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: 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		Standard
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: 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: 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: Water Cast in IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: Water Cast in IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No: Water Cast in IP55 Insulation class (IEC 85): F Built-in motor protection: YES		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: 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 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	, ,	<del></del>
Wear ring:BrassImpeller:Cast ironImpeller:EN-GJL-200Impeller:ASTM class 30Internal pump house coating:CEDMaterial code:ACode for rubber:EShaft:Stainless steelShaft:Stainless steelShaft:EN 1.4301Shaft:AISI 304Installation:Range of ambient temperature:Range of ambient temperature:-20 40 °CMaximum operating pressure:16 barPipe connection standard:EN 1092-2Size of inlet connection:DN 150Size of outlet connection:DN 150Size of outlet connection:PN 16Bearing lubrication:GreasePump housing with feet:YesSupport block (Yes/No):YConnect code:F2Liquid:WaterLiquid:WaterLiquid temperature range:-25 120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:IE3IE Efficiency class:IE3Rated power - P2:15 kWMains frequency:50 HzRated voltage:3 x 380-480 VRated speed:240-1750 rpmEfficiency:IE3 92,1%Motor efficiency at full load:92.1 %Number of poles:4Enclosure class (IEC 34-5):IP55Insulation class (IEC 85):FBuilt-in motor protection:YES	_	
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: 16 bar Pipe connection standard: EN 1092-2 Size of inlet 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: 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 150 Size of outlet connection: DN 150 Size of outlet connection: Pressure rating for connection: Ph 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: Pessure rating for connection: F2 Efficiency class: EE Efficiency class: Rated power - P2: The Water Rated voltage: S x x 380-480 V Rated current: Cos phi - power factor: 0.86-0.85 Rated speed: Efficiency: EF55 Insulation class (IEC 34-5): IP55 Insulation class (IEC 85): F Built-in motor protection: YES Motor No:	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: Size of inlet connection: DN 150 Size of outlet connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Connect code: Liquid: Pumped liquid: Water Liquid temperature range: Selected liquid temperature: D0 °C Density: Pestive: Bestive: Bes	Impeller:	ASTM class 30
Code for rubber:  Shaft: Shaft: Stainless steel Shaft: AISI 304  Installation: Range of ambient temperature: Pipe connection standard: Fresure rating for connection: Pressure rating for connection: Pump housing with feet: Support block (Yes/No): Connect code: Fuiquid: Pumped liquid: Water Liquid temperature: Liquid temperature: Pectorical data: IE Efficiency class: Rated power - P2: Rated voltage: Rated speed: Rated speed: Rated speed: Rated speed: Pumped liquid: Rated speed: Elicical speed: Rated speed: Ra	Internal pump house coating:	CED
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 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: Yes Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Pesceted liquid temperature: Density: Bectrical data: IE Efficiency class: IE3 Rated power - P2: Mains frequency: Rated voltage: Rated voltage: Rated speed: Cos phi - power factor: Rated speed: Efficiency at full load: Number of poles: Built-in motor protection: YES Motor No: Ben 150 Na 150		-20 40 °C
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: 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 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: D		
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: 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	'	DN 150
Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F2  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: Efficiency at full load: Rated voltage: Bear and speed: Fated voltage: Bear and speed: Fated	Size of outlet connection:	DN 125
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: 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 16
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: 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: 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: 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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Liquid temperature range:  Selected liquid temperature:  Density:  Blectrical data:  IE Efficiency class:  Rated power - P2:  Mains frequency:  Rated voltage:  Rated current:  Cos phi - power factor:  Rated speed:  Efficiency:  IE3  Rated speed:  240-1750 rpm  Efficiency:  IE3  Rated speed:  240-1750 rpm  Efficiency:  IE3 92,1%  Motor efficiency at full load:  Number of poles:  Enclosure class (IEC 34-5):  IP55  Insulation class (IEC 85):  Built-in motor protection:  YES  Motor No:	•	
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		
Density:         998.2 kg/m³           Electrical data:         IE Efficiency class:           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		
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	·	
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	•	
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		IF3
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	-	
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		
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	-	
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
Number of poles: 4  Enclosure class (IEC 34-5): IP55  Insulation class (IEC 85): F  Built-in motor protection: YES  Motor No: 86906101	,	·
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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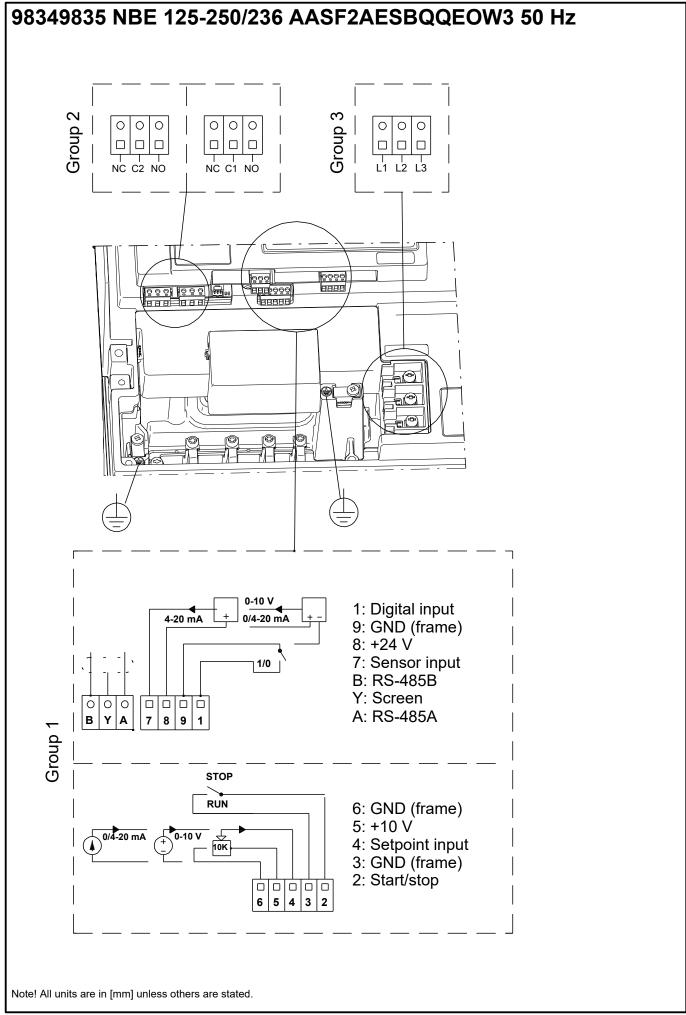






Description	Value
Controls:	
Control panel:	Standard
Function Module:	PUMP I/O
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.62
Net weight:	322 kg
Gross weight:	355 kg
Shipping volume:	0.951 m³
Danish VVS No.:	386106252
Country of origin:	HU
Custom tariff no.:	84137051

## 98349835 NBE 125-250/236 AASF2AESBQQEOW3 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.



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