

Created by: Phone:

Date: 15/08/2022

Qty. | Description

1 NB 40-125/130 AAF2AESBQQEDW3



Product No.: 96631117

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

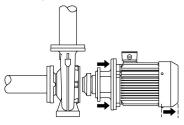
Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial discharge port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impeller without disturbing the pump housing or pipework.

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.

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.

Seal faces:

- 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



Created by: Phone:

Date: 15/08/2022

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 IE2 in accordance with IEC 60034-30.

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 (I1/1).

Further product details

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.

Technical data

Controls:

Frequency converter: NONE 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: 1400 rpm

Rated flow: 22.3 m³/h
Rated head: 4.102 m
Actual impeller diameter: 130 mm
Nominal impeller diameter: 125
Shaft seal arrangement: Single
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B2

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:

40 °C t max amb: Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 **DN 65** Size of inlet connection: Size of outlet connection: **DN 40** Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes



Created by: Phone:

Date: 15/08/2022

Qty. | Description

1 Support block (Yes/No): N

Electrical data:

Motor type: 71B
IE Efficiency class: IE2
Rated power - P2: 0.37 kW
Mains frequency: 50 Hz

Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A

 Starting current:
 390-430 %

 Cos phi - power factor:
 0.78-0.69

 Rated speed:
 1390-1410 rpm

Efficiency: IE2 72,8% - IE2 73,1%

Motor efficiency at full load: 72.8-73.1 %
Motor efficiency at 3/4 load: 75.6 %
Motor efficiency at 1/2 load: 73.8 %
Number of poles: 4

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F

Motor No: 99957665

Bearing insulation type N-end: STEEL BEARING

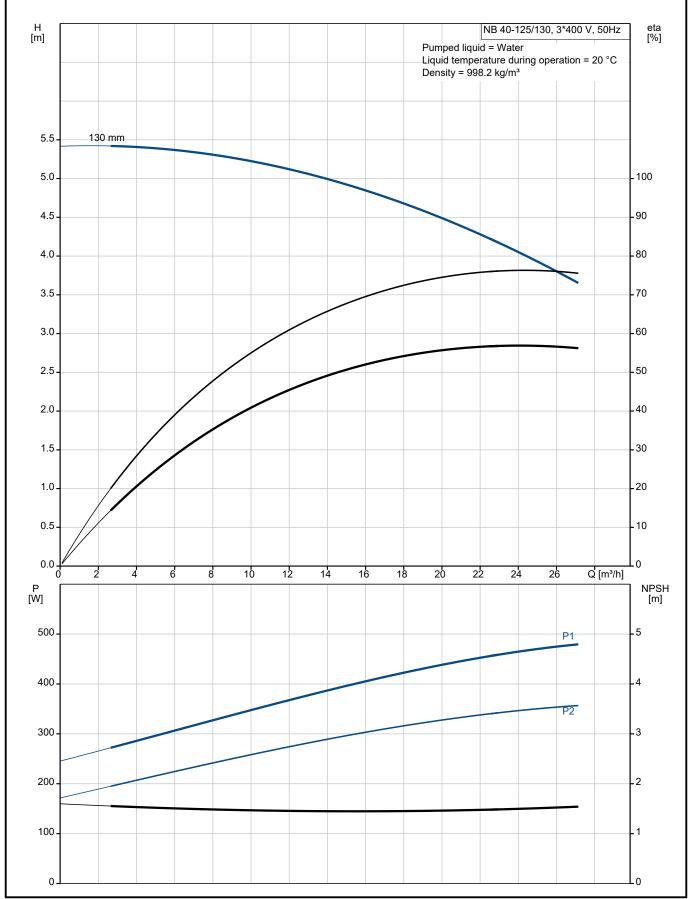
Others:



Created by: Phone:

Date: 15/08/2022

96631117 NB 40-125/130 AAF2AESBQQEDW3 50 Hz



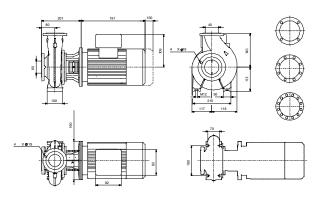


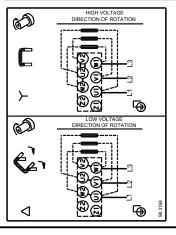
Created by: Phone:

Date: 15/08/2022

Description Value General Information: NB 40-125/130 AAF2AESBQDEDW3 Product name: NB 40-125/130 AAF2AESBQDEDW3 Product No: 96631117 EAN number: 5700835395252 Technical: 1400 rpm Pump speed on which pump data are based: 1400 rpm Rated flow: 22.3 m³/h Rated head: 4.102 m Actual impeller diameter: 130 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: Materials: Pump housing: Cast iron Impeller: Cast iron Impeller: ASTM class 35 Mear ring: Brass Impeller:				
Product No: 96631117 EAN number: 5700835395252 Technical: 1400 rpm Pump speed on which pump data are based: 1400 rpm Rated flow: 22.3 m³/h Rated head: 4.102 m Actual impeller diameter: 130 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: Materials: Pump housing: Cast iron Pump housing: Cast iron Pump housing: Brass 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: AIS 304 Installation: Immeller: Imax m		Value		
Product No: 96631117 EAN number: 5700835395252 Technical: Pump speed on which pump data are based: 22.3 m³/h Rated flow: 22.3 m³/h Rated head: 4.102 m Actual impeller diameter: 130 mm Nominal impeller 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: Cast iron Impeller: BN-GJL-200 Impeller: ASTM class 35 Impeller: BN-GJL-200 Impeller: BN-GJL-200 Impeller: EN-GJL-200 Impeller: BN-GJL-300 Installation: EN 14301 Shaft: Stainless steel Shaft: Stainless steel Shaft: EN 1.4301 Shaft: BN 1.4301 Shaft: BN 1.4301 Shaft: EN 1.4301 Shaft: EN 1.4301 Shaft: EN 1.600 Installation: Installation: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 65 Size of outlet connection: DN 65 Size of outlet connection: DN 66 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Selected liquid temperature: 390.430 % DN 400.78-069 Starting current: 1.80-1.83/1,04-1,06 A Starting current: 1.80-1.83/1,04-1,06 A Starting current: 1.80-1.83/1,04-1,06 A Starting current: 1.80-1.83/1,04-1,06 A	General information:			
EAN number: 5700835395252 Technical: Pump speed on which pump data are based: Rated flow: 22.3 m³/h Rated head: 4.102 m Actual impeller diameter: 130 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: Cast iron Impeller: Cast iron Impeller: Brass Impeller: Cast iron Impeller: Brass Impeller: Brass Impeller: Brass Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: AlSI 304 Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Uniquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: Brass Rated voltage: 3 x 220-240D/380-415 y V Rated upper lace of the proper l	Product name:			
Technical: Pump speed on which pump data are based: Rated flow: Rated head: A. 102 m Actual impeller diameter: 130 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: Brass Pump housing: Pump housing: Pump housing: ASTM class 35 Wear ring: Impeller: Cast iron Impeller: ASTM class 35 Wear ring: Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Shaft: Stainless steel Shaft: AI 1.4301 Shaft: AI 1.4301 Shaft: AI 1.4301 Shaft: AI 1.4301 Shaft: BN 1.4301 Shaft: AI 1.4301 Shaft	Product No:	96631117		
Pump speed on which pump data are based: 1400 rpm Rated flow: 22.3 m³/h Rated head: 4.102 m Actual impeller diameter: 130 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: 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: AISI 304 Installation: Image: All All All All All All All All All Al	EAN number:	5700835395252		
based: 22.3 m²/h Rated head: 4.102 m Actual impeller diameter: 130 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: Varing Pump housing: Cast iron Pump housing: EN-GJL-250 Pump housing: Brass Wear ring: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: EN-GJL-200 Impeller: ASTM class 35 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Stainless steel Shaft: AIS1304 Installation: Image:				
Rated head: 4.102 m Actual impeller diameter: 130 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: ASTM class 35 Wear ring: Brass Impeller: Cast iron Impeller: EN-GJL-200 Impeller: ASTM class 35 Impeller: ASTM class 30 Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: Asinless steel Shaft: Alsi 304 Installation: Image: The connection standard: It max amb: 40 °C Maximum operati	Pump speed on which pump data are based:	1400 rpm		
Actual 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: Cast iron Impeller: Cast iron Impeller: EN-GJL-200 Impeller: ASTM class 35 Wear ring: Brass Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Stainless steel Shaft: AISI 304 Installation: It max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 40 Pressure rating for connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: 71B Ile Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Stated speed: 1390-1410 rpm	Rated flow:	22.3 m³/h		
Nominal impeller diameter:	Rated head:	4.102 m		
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: Pump housing: Cast iron Pump housing: Brass Impeller: Cast iron Impeller: Cast iron Impeller: ASTM class 35 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: Impeller: Impeller: Internal pump house coating: Maximum operating pressure: 16 bar Pipe connection standard: EN 1,4301 Shaft: AISI 304 Installation: Impeller: Impeller: Impeller: Impeller:	Actual impeller diameter:	130 mm		
Shaft diameter: 24 mm Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A 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: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease <t< td=""><td></td><td>125</td></t<>		125		
Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B2 Pump version: A Bearing design: Standard Materials: Pump housing: 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: Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of outlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes <td>9</td> <td colspan="2">•</td>	9	•		
Curve tolerance: ISO9906:2012 3B2 Pump version: A Bearing design: Standard Materials: Pump housing: Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass 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: It max amb: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 65 Size of outlet connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2				
Pump version: A 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: 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: It max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415 y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	*			
Bearing design:StandardMaterials:Cast ironPump housing:EN-GJL-250Pump housing:ASTM class 35Wear ring:BrassImpeller:Cast ironImpeller:EN-GJL-200Impeller:ASTM class 30Internal pump house coating:CEDMaterial code:ACode for rubber:EShaft:Stainless steelShaft:Stainless steelShaft:AISI 304Installation:Installation:t max amb:40 °CMaximum operating pressure:16 barPipe connection standard:EN 1092-2Size of inlet connection:DN 65Size of outlet connection:DN 40Pressure rating for connection:PN 16Bearing lubrication:GreasePump housing with feet:YesSupport block (Yes/No):NConnect code:F2Liquid:WaterLiquid temperature range:-25 120 °CSelected liquid temperature:20 °CDensity:998.2 kg/m³Electrical data:Motor type:71BIE Efficiency class:IE2Rated power - P2:0.37 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated voltage:3 x 220-240D/380-415Y VRated speed:1390-430 %Cos phi - power factor:0.78-0.69Rated speed:1390-1410 rpm				
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: 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: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	•	• •		
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: BY 1.4301 Shaft: AISI 304 Installation: The stainless steel Installation: The stainless steel Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Water Pumped liquid: Water <t< td=""><td></td><td>Standard</td></t<>		Standard		
Pump housing: EN-GJL-250 Pump housing: ASTM class 35 Wear ring: Brass 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: EN 1.4301 Shaft: AISI 304 Installation: Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C <td></td> <td></td>				
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: Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³				
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: Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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				
Impeller:		7.0 0.000 00		
Impeller:	•			
Impeller: Internal pump house coating: CED Material code: A Code for rubber: E Shaft: Shaft: Stainless steel Shaft: Installation: I max amb: Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 65 Size of outlet connection: PN 16 Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Petertrical data: Motor type: Rated power - P2: Rated voltage: Rated voltage: Rated speed: Rat	Impeller:	Cast iron		
Internal pump house coating: Material code: Code for rubber: Shaft: Shaft: Stainless steel Shaft: Installation: I max amb: Maximum operating pressure: Pipe connection standard: Size of inlet connection: Pine connection: DN 65 Size of outlet connection: PN 16 Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Do °C Selected liquid temperature: Do °C Selected liquid temperature: Motor type: File Efficiency class: Rated power - P2: Rated voltage: Rated voltage: Rated speed: CED A A Cos phi - power factor: Rated speed: Rated speed: Rated speed: Rated speed: Rated speed: A Cos phi - power factor: Rated speed: CED A A A A A A A A A A A A A	Impeller:	EN-GJL-200		
Material code: Code for rubber: EShaft: Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: I max amb: Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Water Liquid temperature range: Selected liquid temperature: Dn 65 Size of outlet connection: PN 16 Bearing lubrication: F2 Support block (Yes/No): 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: T1B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Impeller:	ASTM class 30		
Code for rubber: E Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: t max amb: Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 %	Internal pump house coating:	CED		
Shaft: Stainless steel Shaft: EN 1.4301 Shaft: AISI 304 Installation: It max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Material code:	Α		
Shaft: AISI 304 Installation: I max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Code for rubber:	Е		
Shaft: AISI 304 Installation: It max amb: 40 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Shaft:	Stainless steel		
Installation: t max amb: Maximum operating pressure: Pipe connection standard: Size of inlet connection: Pressure rating for connection: Pump housing with feet: Support block (Yes/No): Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature: Density: Pelectrical data: Motor type: Rated power - P2: Rated voltage: Rated voltage: Rated speed: Rated speed: Rated speed: 16 bar 40 °C Water 16 bar Water EN 1092-2 Selected Water Pum 16 Bearing lubrication: PN 16 Rated voltage: Pessure rating for connection: PN 16 Rated voltage: Rated speed: 40 °C Water Ves Selected Yes Ves Ves Support block (Yes/No): N Water Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Shaft:	EN 1.4301		
t max amb: Maximum operating pressure: Pipe connection standard: Size of inlet connection: DN 65 Size of outlet connection: Pressure rating for connection: Pump housing with feet: Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Pest yes Selected liquid temperature: Density: Pest yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Pest yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Uiquid temperature: Density: Pest yes Support block (Yes/No): N Co °C Selected liquid temperature: Density: Den		AISI 304		
Maximum operating pressure: Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Pest yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Pest yes Support block (Yes/No): N Connect code: F2 Liquid: Pumped liquid: Uiquid temperature: Pumped liquid: Uiquid temperature: Po °C Selected liquid temperature: Pest yes Support block (Yes/No): Selected liquid: Uiquid: Viget yes Support block (Yes/No): N Co °C Selected liquid: Density: Po °C Selected liquid temperature: Po °C				
Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): 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: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Size of inlet connection: Size of outlet connection: DN 40 Pressure rating for connection: PN 16 Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Vater Liquid temperature range: Selected liquid temperature: Density: Poss. 20 °C Density: 998.2 kg/m³ Electrical data: Motor type: T1B IE Efficiency class: IE2 Rated power - P2: Nains frequency: Rated voltage: Rated voltage: Rated current: 1,80-1,83/1,04-1,06 A Starting current: Cos phi - power factor: Rated speed: Note of power special power in the power in th	. •	16 bar		
Size of outlet connection: Pressure rating for connection: Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Vater Liquid temperature range: Selected liquid temperature: Density: Ponsity: Motor type: IE Efficiency class: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: PN 16 Rease PN 16 PN 16 PN 16 PR 16 PR 16 PR 18 PR 2 PR 2 PR 18 P		EN 1092-2		
Pressure rating for connection: Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor type: T1B IE Efficiency class: Rated power - P2: Mains frequency: Rated voltage: Rated current: 1,80-1,83/1,04-1,06 A Starting current: Cos phi - power factor: Rated speed: PN 16 Grease PN 16 Grease PN 16 Grease Passe Grease Passe Asset Yes Na T2 Rater Asset Vater Liquid temperature: 20 °C 2	Size of inlet connection:	DN 65		
Bearing lubrication: Pump housing with feet: Support block (Yes/No): Connect code: F2 Liquid: Pumped liquid: Uiquid temperature range: Selected liquid temperature: Density: Selectrical data: Motor type: F2 Rated power - P2: Nains frequency: Rated voltage: Rated current: Starting current: Support block (Yes/No): Nains frequency: Selected liquid temperature: Support Sup	Size of outlet connection:	DN 40		
Pump housing with feet: Yes Support block (Yes/No): 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: Motor type: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	_	PN 16		
Support block (Yes/No): 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: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	_	Grease		
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: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Liquid: Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Wotor type: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm		N		
Pumped liquid: Water Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm		F2		
Liquid temperature range: -25 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	•			
Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: 71B Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm		Water		
Density: 998.2 kg/m³ Electrical data: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Electrical data: Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Motor type: 71B IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	_	998.2 kg/m³		
IE Efficiency class: IE2 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm				
Rated current: 1,80-1,83/1,04-1,06 A Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm		50 Hz		
Starting current: 390-430 % Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Rated voltage:	3 x 220-240D/380-415Y V		
Cos phi - power factor: 0.78-0.69 Rated speed: 1390-1410 rpm	Rated current:	1,80-1,83/1,04-1,06 A		
Rated speed: 1390-1410 rpm	Starting current:	390-430 %		
·	Cos phi - power factor:	0.78-0.69		
Efficiency: IE2 72,8% - IE2 73,1%	Rated speed:	1390-1410 rpm		
	Efficiency:	IE2 72,8% - IE2 73,1%		

Date:	13/06/2022	
H [m]	NB 40-125/130, 3*400 V, 50Hz	eta [%]
	Pumped liquid = Water Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
5.5 -	130 mm	
5.0 -		- 100
4.5 🗕		- 90
4.0 =		- 80
3.5 -	· ·	- 70
3.0 =		- 60
2.5 - 2.0 -		- 50 - 40
1.5 -		- 40 - 30
1.0 -		- 20
0.5 -		- 10
0.0 -		_0
0 P [W]	5 10 15 20 Q [m³/h]	NPSH [m]
500 -	P1	- 5
400 -		- 4
300 -	P2	-3
200 -		-2
100 -		- 1
0 4		Lo







Created by: Phone:

Date: 15/08/2022

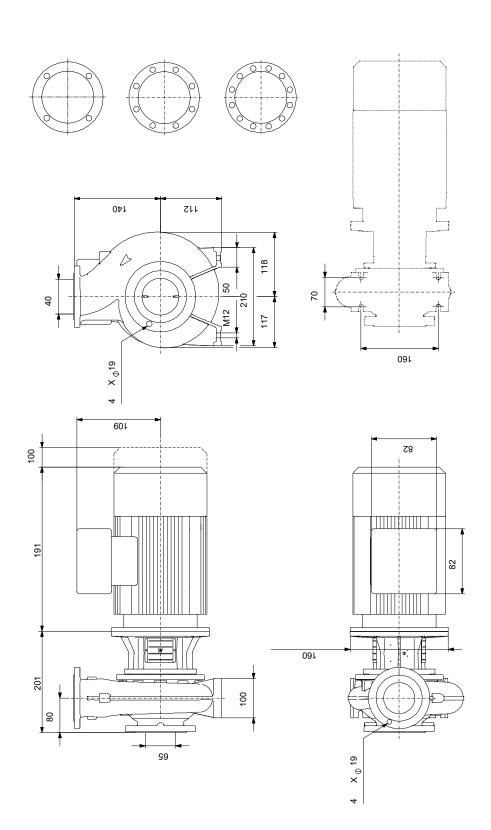
Description	Value	
Motor efficiency at full load:	72.8-73.1 %	
Motor efficiency at 3/4 load:	75.6 %	
Motor efficiency at 1/2 load:	73.8 %	
Number of poles:	4	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Built-in motor protection:	NONE	
Motor No:	99957665	
Mount. design. acc. IEC 34-7:	IM V1/B5	
Bearing insulation type N-end:	STEEL BEARING	
Controls:		
Frequency converter:	NONE	
Pressure sensor:	N	
Others:		
Minimum efficiency index, MEI ≥:	0.70	
Net weight:	32 kg	
Gross weight:	42 kg	
Shipping volume:	0.134 m³	
Danish VVS No.:	386061131	
Country of origin:	HU	
Custom tariff no.:	84137051	



Created by: Phone:

15/08/2022 Date:

96631117 NB 40-125/130 AAF2AESBQQEDW3 50 Hz



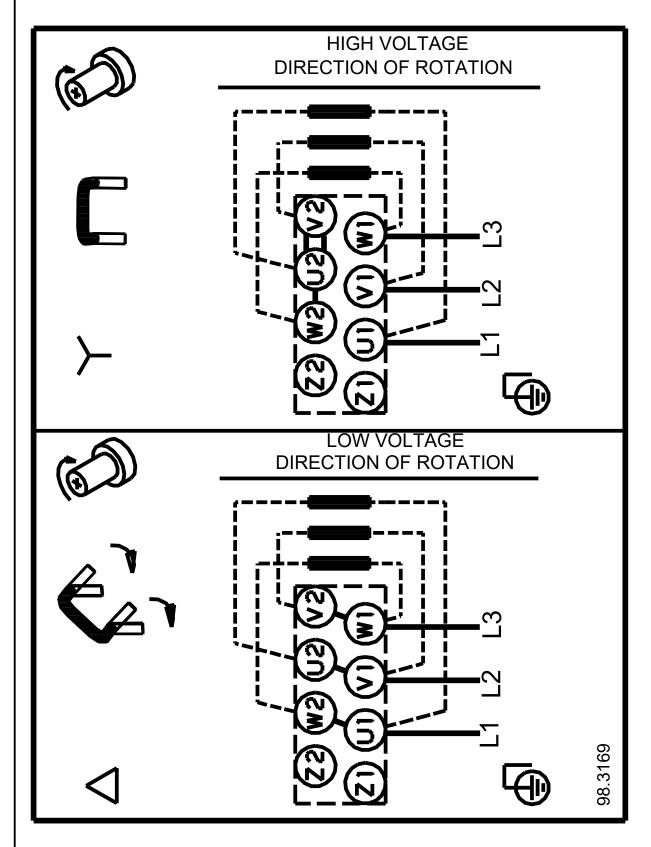
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Created by: Phone:

Date: 15/08/2022

96631117 NB 40-125/130 AAF2AESBQQEDW3 50 Hz



Note! All units are in [mm] unless others are stated.



Created by: Phone:

Date: 15/08/2022

Order Data:

Position	Your pos.	Order Data Product name	Amount	Product No	Total
	Tour pos.		Amount 1	96631117	
		NB 40-125/130	'	90031117	Price on request
	- Mars Donald and October	, rada of 0051			