Qty. | Description

1 NBE 100-250/274 BASF2AESBQQEOW3



Note! Product picture may differ from actual product

Product No.: 98976179

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: 173.1 m³/h
Rated head: 22 m
Actual impeller diameter: 274 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

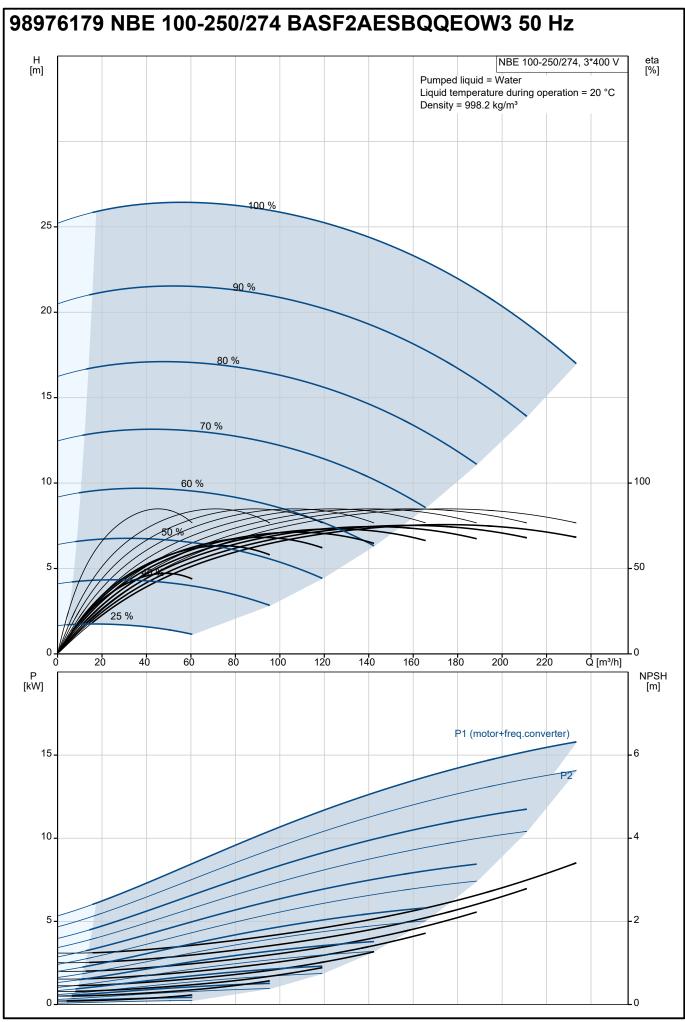
Shaft: Stainless steel

EN 1.4301 AISI 304

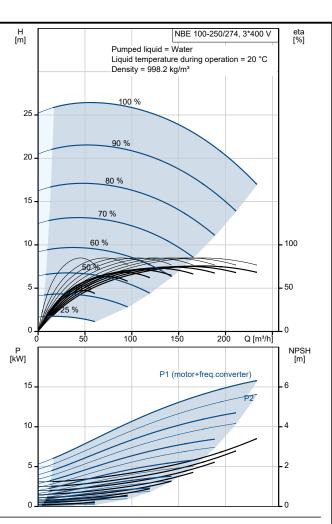
Installation:

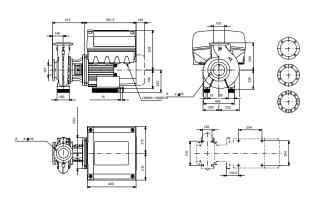
Range of ambient temperature: -20 .. 40 °C
Maximum operating pressure: 16 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 125
Size of outlet connection: DN 100
Pressure rating for connection: PN 16

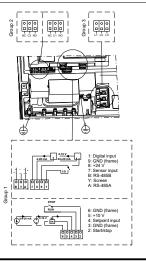
Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW 50 Hz Mains frequency: 3 x 380-480 V Rated voltage: Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 240-1750 rpm Rated speed: 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 ≥: 0.70 Net weight: 306 kg Gross weight: 331 kg Shipping volume: 0.707 m³ Danish VVS No.: 386105253 Country of origin: HU Custom tariff no.: 84137051



Description	Value		
General information:			
Product name:	NBE 100-250/274 BASF2AESBQQEOW3		
Product No:			
EAN number:	98976179 5712604557211		
Technical:	37 12004337211		
Pump speed on which pump data	1460 rpm		
are based:	1400 Ipin		
Rated flow:	173.1 m³/h		
Rated head:	22 m		
Actual impeller diameter:	274 mm		
Nominal impeller diameter:	250		
Shaft seal arrangement:	Single		
Shaft diameter:	32 mm		
Code for shaft seal:	BQQE		
Curve tolerance: Pump version:	ISO9906:2012 3B AS		
Bearing design:	Standard		
Materials:	Candara		
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: Shaft:	EN 1.4301		
Installation:	AISI 304		
Range of ambient temperature:	-20 40 °C		
Maximum operating pressure:	16 bar		
Pipe connection standard:	EN 1092-2		
Size of inlet connection:	DN 125		
Size of outlet connection:	DN 100		
Pressure rating for connection:	PN 16		
Bearing lubrication:	Grease		
Pump housing with feet:	Yes		
Support block (Yes/No):	Υ		
Connect code:	F2		
Liquid:	Water		
Pumped liquid:	Water		
Liquid temperature range: Selected liquid temperature:	-25 120 °C 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		
Mount. design. acc. IEC 34-7:	IM B35		

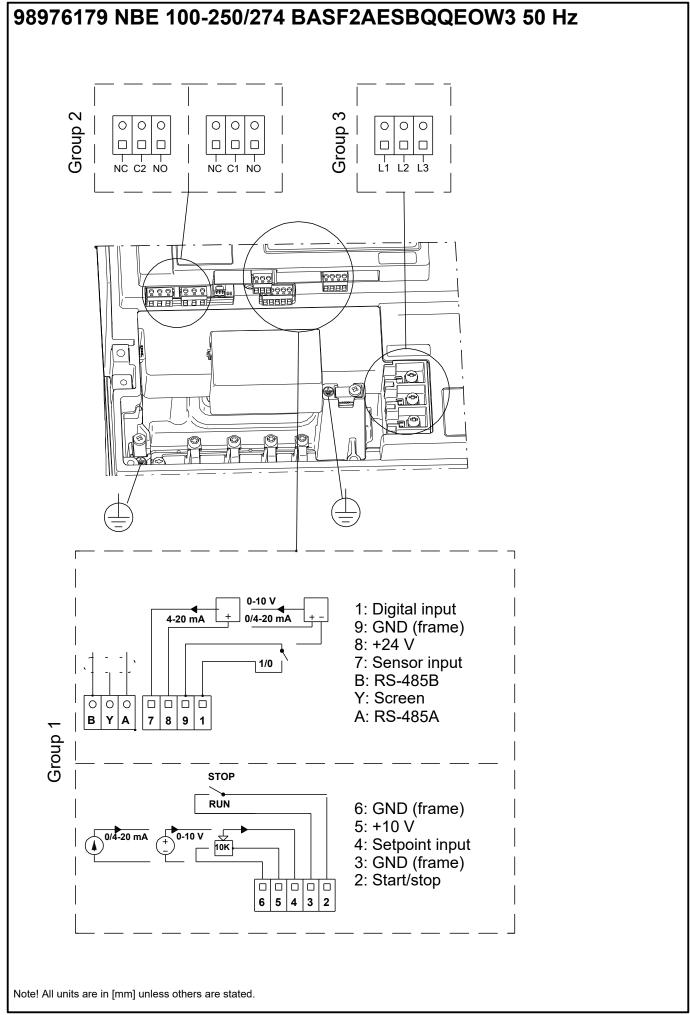






Description	Value
Controls:	Value
Control panel:	Standard
Function Module:	PUMP I/O
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	306 kg
Gross weight:	331 kg
Shipping volume:	0.707 m³
Danish VVS No.:	386105253
Country of origin:	HU
Custom tariff no.:	84137051

98976179 NBE 100-250/274 BASF2AESBQQEOW3 50 Hz 1XM40+1XM20+2— **((D) (4)** Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		NBE 100-250/274	1	98976179	Price on request	
					requesi	