## Qty. | Description

## 1 NBE 150-250/226-214 BASF1AESBQQEOW3



Note! Product picture may differ from actual product

Product No.: 98976196

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: 372.6 m³/h
Rated head: 10.04 m
Actual impeller diameter: 220 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

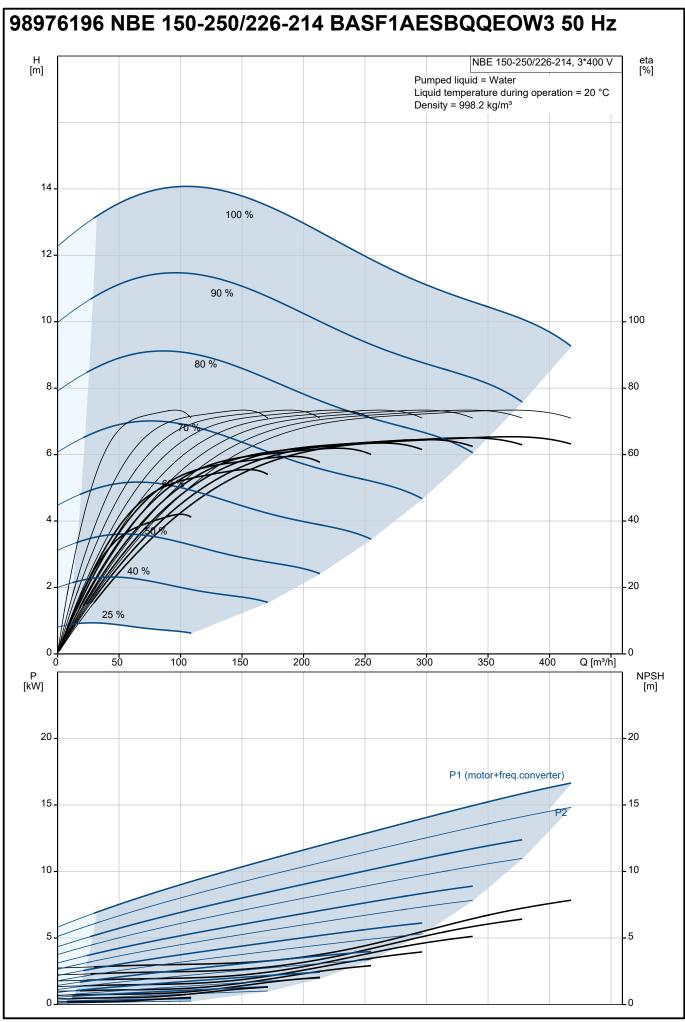
Shaft: Stainless steel

EN 1.4301 AISI 304

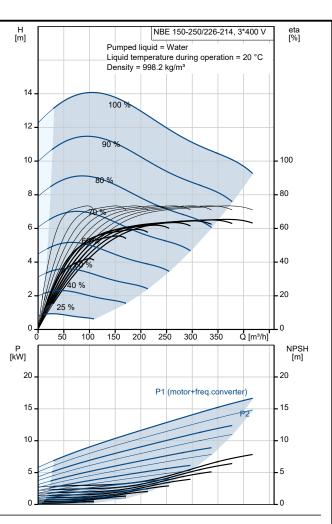
Installation:

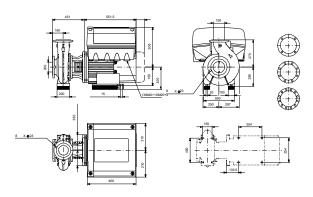
Range of ambient temperature: -20 .. 40 °C
Maximum operating pressure: 10 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 200
Size of outlet connection: DN 150
Pressure rating for connection: PN 10

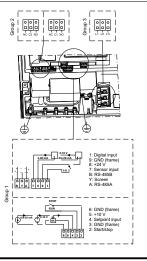
## Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE Efficiency class: IE3 Rated power - P2: 15 kW 50 Hz Mains frequency: 3 x 380-480 V Rated voltage: Rated current: 29.0-25.4 A Cos phi - power factor: 0.86-0.85 240-1750 rpm Rated speed: 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 ≥: 0.68 Net weight: 362 kg Gross weight: 394 kg Shipping volume: 0.951 m<sup>3</sup> Danish VVS No.: 386107251 Country of origin: HU Custom tariff no.: 84137051



Description	Value	
General information:		
Product name:	NBE 150-250/226-214	
	BASF1AESBQQEOW3	
Product No:	98976196	
EAN number:	5712604557556	
Technical:		
Pump speed on which pump data are based:	1460 rpm	
Rated flow:	372.6 m³/h	
Rated head:	10.04 m	
Actual impeller diameter:	220 mm	
Nominal impeller diameter:	250	
Shaft seal arrangement:	Single	
Shaft diameter:	42 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:	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 150	
Pressure rating for connection:	PN 10	
Bearing lubrication:	Grease	
Pump housing with feet:	Yes	
Support block (Yes/No): Connect code:	F1	
Liquid:	1 1	
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	
	040 4750	
Rated speed:	240-1750 rpm	
Efficiency:	IE3 92,1%	
	•	
Efficiency:	IE3 92,1%	
Efficiency: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5):	IE3 92,1% 92.1 %	
Efficiency: Motor efficiency at full load: Number of poles:	92.1 % 4	
Efficiency: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5):	IE3 92,1% 92.1 % 4 IP55	
Efficiency: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: Motor No:	92.1 % 4 IP55 F	
Efficiency: Motor efficiency at full load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection:	92.1 % 4 IP55 F YES	

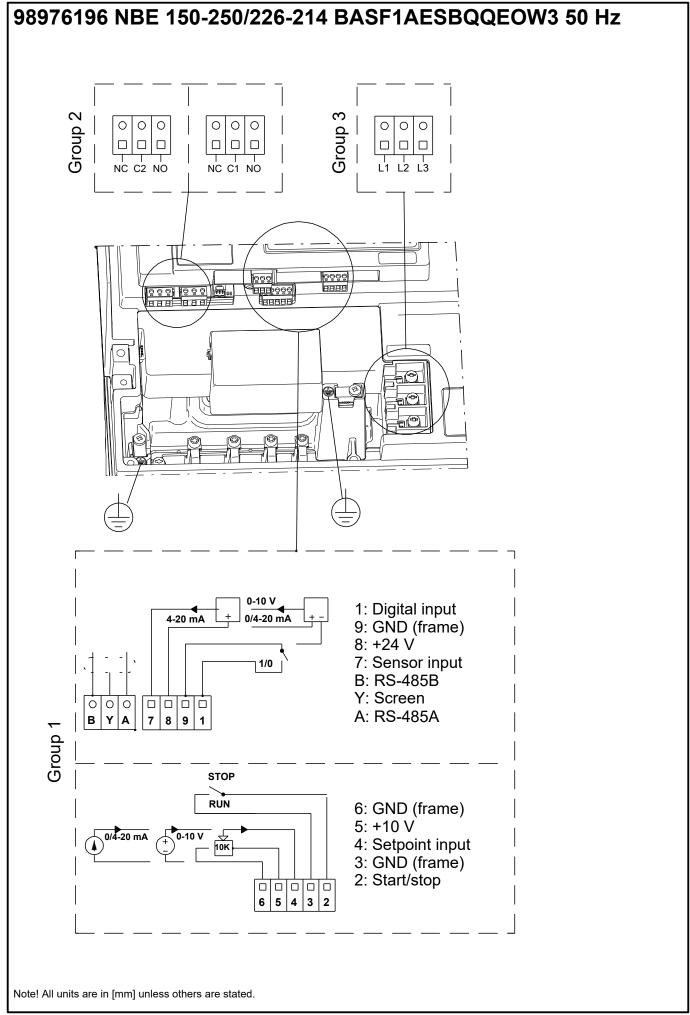






Description	Value
Controls:	
Control panel:	Standard
Function Module:	PUMP I/O
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.68
Net weight:	362 kg
Gross weight:	394 kg
Shipping volume:	0.951 m³
Danish VVS No.:	386107251
Country of origin:	HU
Custom tariff no.:	84137051

## 98976196 NBE 150-250/226-214 BASF1AESBQQEOW3 50 Hz 254 375 280 00t 1XM40+1XM20+2---300 308 ١90 510 210 1 **( (D) (4)** 320 431 160 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 150-250/226-214	1	98976196	Price on request	
					request	
				<u>                                     </u>		