Qty. | Description

NBE 32-200/219 AASF2AESBQQENWB



Note! Product picture may differ from actual product

Product No.: 99101877

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, permanent-magnet synchronous 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: 2901 rpm

Rated flow: 35.61 m³/h
Rated head: 53.94 m
Actual impeller diameter: 219 mm
Nominal impeller diameter: 200
Shaft seal arrangement: Single
Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Bearing design: Standard

Materials:

Pump housing: Cast iron

EN-GJL-250 ASTM class 35

Wear ring: Brass
Impeller: Cast iron
EN-GJL-200

ASTM class 30

Internal pump house coating: CED

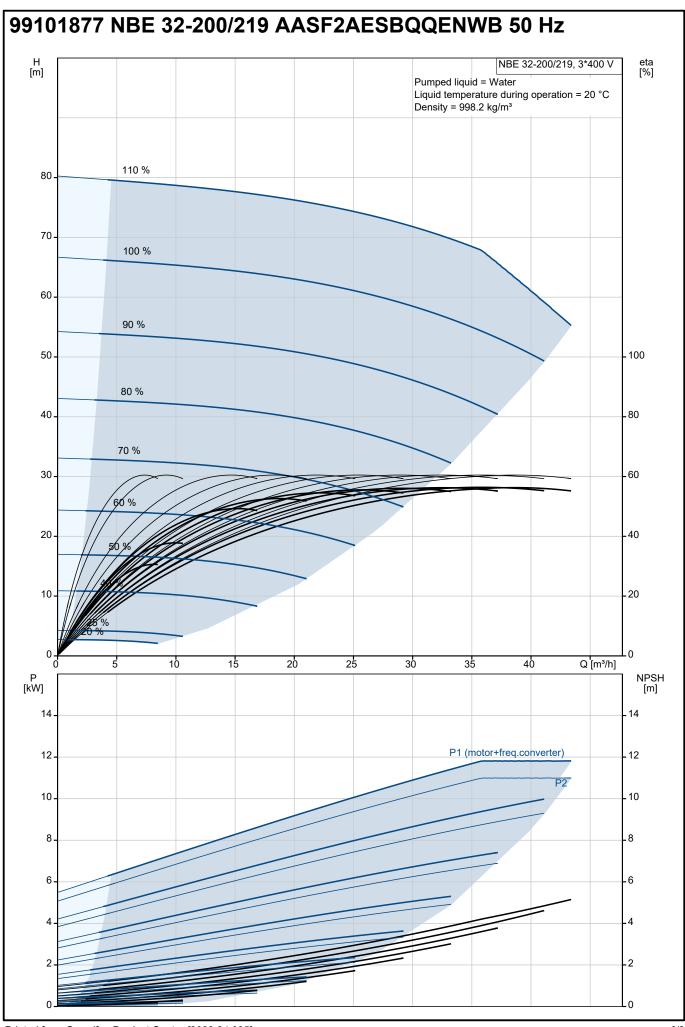
Shaft: Stainless steel

EN 1.4301 AISI 304

Installation:

Range of ambient temperature: -20 .. 50 °C
Maximum operating pressure: 16 bar
Pipe connection standard: EN 1092-2
Size of inlet connection: DN 50
Size of outlet connection: DN 32
Pressure rating for connection: PN 16

Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Electrical data: IE5 IE Efficiency class: Rated power - P2: 11 kW 50 Hz Mains frequency: 3 x 380-500 V Rated voltage: Rated current: 20.3-16.0 A Cos phi - power factor: 0.93-0.90 Rated speed: 360-4000 rpm Efficiency: 93.1% Motor efficiency at full load: 93.1 % Number of poles: 2 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99306732 Bearing insulation type N-end: STEEL BEARING Minimum efficiency index, MEI ≥: 0.68 Net weight: 112 kg Gross weight: 133 kg Shipping volume: 0.509 m³ Danish VVS No.: 386100207 Country of origin: HU Custom tariff no.: 84137051



Description	Value	H [m]	NBE 32-200/219, 3*400 V
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	NBE 32-200/219		Density = 998.2 kg/m ³
	AASF2AESBQQENWB	80	110 %
Product No:	99101877		
EAN number:	5712606790548	70 -	100 %
Technical:			100 %
Pump speed on which pump data are based:	2901 rpm	60 –	
	35.61 m³/h		90 %
Rated flow: Rated head:	53.94 m	50 _	
Actual impeller diameter:	219 mm		80 %
•	200	40 -	
Nominal impeller diameter:			70 %
Shaft seal arrangement: Shaft diameter:	Single 24 mm	30 -	
Code for shaft seal:	BQQE		60 %
Curve tolerance:	ISO9906:2012 3B	20 -	560
	AS		
Pump version:	Standard	10 _	
Bearing design:	Standard		8%
Materials:	Contiron	0	
Pump housing:	Cast iron EN-GJL-250		5 10 15 20 25 30 35 'Q [m³/h]
Pump housing:		P [kW]	
Pump housing:	ASTM class 35		24/
Wear ring:	Brass	12 -	P1 (motor+freq.converter)
Impeller:	Cast iron	10	P2
Impeller:	EN-GJL-200	8 -	
Impeller:	ASTM class 30	- 0	
Internal pump house coating:	CED	6-	
Material code:	A	4 -	
Code for rubber:	E		
Shaft:	Stainless steel		
Shaft:	EN 1.4301	0 🝱	
Shaft:	AISI 304	-	
Installation:			
Range of ambient temperature:	-20 50 °C		322.5 406 100
Maximum operating pressure:	16 bar		
Pipe connection standard:	EN 1092-2		
Size of inlet connection:	DN 50		
Size of outlet connection:	DN 32		
Pressure rating for connection:	PN 16		100 14.5 1000 14.5 1000 100 100 100 100 100 100 100 100 1
Bearing lubrication:	Grease		980
Pump housing with feet:	Yes	4 749	70 210
Support block (Yes/No):	Y		
Connect code:	F2		
Liquid:			108
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
IE Efficiency class:	IE5		.
Rated power - P2:	11 kW	12	
Mains frequency:	50 Hz	PE	
Rated voltage:	3 x 380-500 V		
Rated current:	20.3-16.0 A		
Cos phi - power factor:	0.93-0.90		100 N
Rated speed:	360-4000 rpm		1 Description (1997) 1 Descrip
Efficiency:	93.1%		1 2 Ao 1
Motor efficiency at full load:	93.1 %		1 00 11 Uql tec 20 cm
Number of poles:	2		3817° 00 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	IP55	48	41 AI BI
Enclosure class (IEC 34-5):			
Enclosure class (IEC 34-5): Insulation class (IEC 85):	F		A GENDAN A Y GENDAN Y
			Total A Total A Total A Total B Total B Total B Total B Total B
Insulation class (IEC 85):	F		7 Officials A Tofficials A Tofficials A Tofficials A Tofficials B Toff

100

- 80

60

40

20

- 10 - 8

- 2

NPSH [m]

Description	Value
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Control panel:	HMI300 - Advanced
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.68
Net weight:	112 kg
Gross weight:	133 kg
Shipping volume:	0.509 m³
Danish VVS No.:	386100207
Country of origin:	HU
Custom tariff no.:	84137051

99101877 NBE 32-200/219 AASF2AESBQQENWB 50 Hz 1XM32+5XM20 **((D) (4)** Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

99101877 NBE 32-200/219 AASF2AESBQQENWB 50 Hz L1 L2 L2 PΕ NC C1 NO NC C2 NO GND 18 DI4/OC2 Pt100/1000 Pt100/1000 17 12 AO GND AI3 DI2 LiqTec GND 20 22 LiqTec +24 V* OC GND DI3/OC1 10 AI1 +24 V*/5 V* +24 V* 2 DI1 5 +5 V 6 GENIbus A GENIbus Y GENIbus B GND +24 V 15 +24 V 26 +5 V GND GDS TX 24 GDS RX +5 V* Al2 Note! All units are in [mm] unless others are stated.

Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		NBE 32-200/219	1	99101877	Price or request	
					request	