
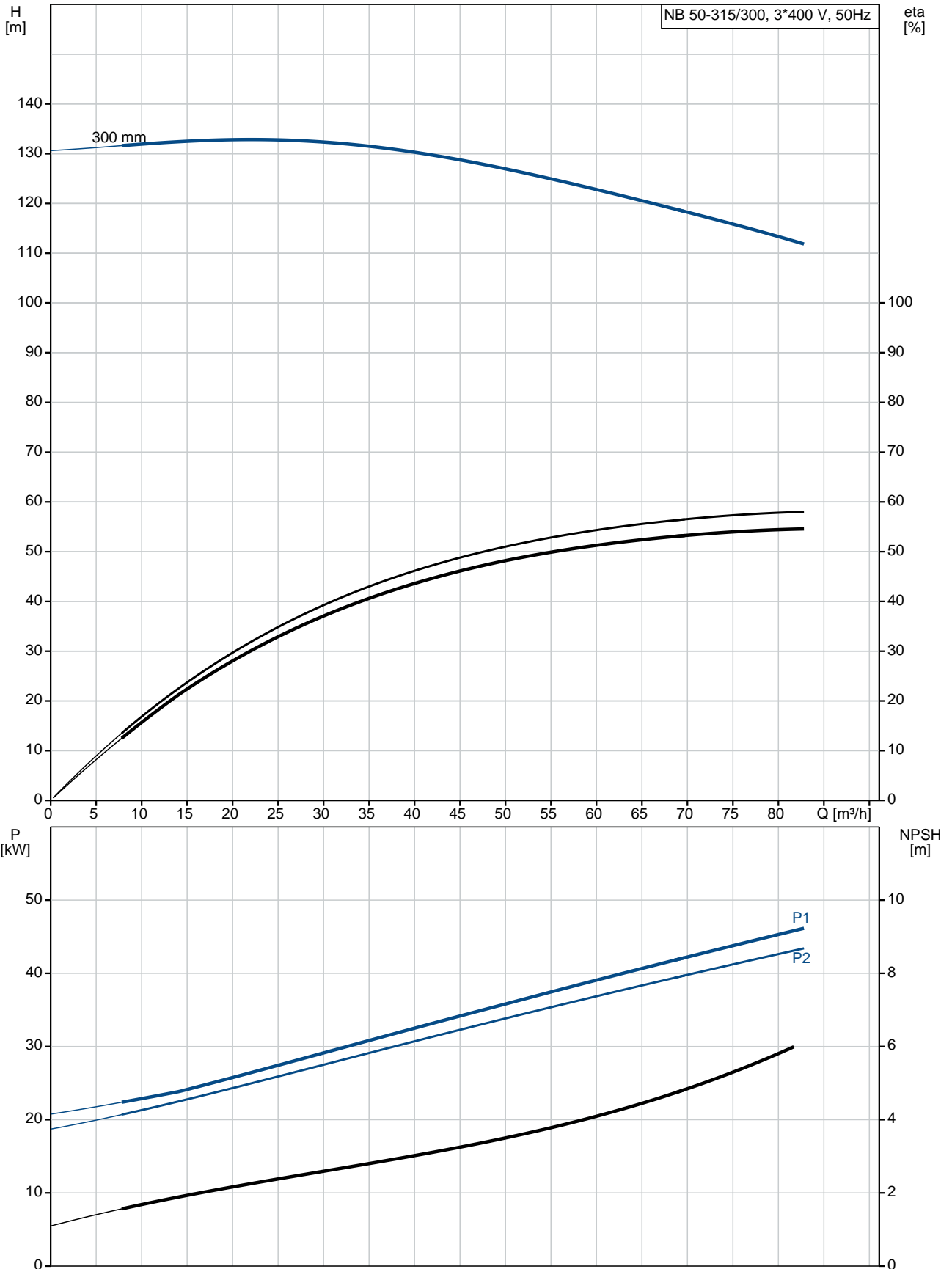


Qty.	Description
1	<p data-bbox="199 342 534 365">NB 50-315/300 ASF2ABQQE</p> <div data-bbox="215 405 566 633">  </div> <p data-bbox="592 629 1077 651" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="199 663 470 685">Product No.: 98975678</p> <p data-bbox="199 719 1460 775">Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and rated performance according to EN 733 (10 bar).</p> <p data-bbox="199 808 1460 887">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.</p> <p data-bbox="199 898 941 920">The unbalanced rubber bellows seal is according to DIN EN 12756.</p> <p data-bbox="199 925 906 947">The pump is close-coupled to a fan-cooled asynchronous motor.</p> <p data-bbox="199 981 311 1003">Controls:</p> <p data-bbox="199 1014 638 1037">Frequency converter: NONE</p> <p data-bbox="199 1070 287 1093">Liquid:</p> <p data-bbox="199 1104 702 1216">Pumped liquid: Water Liquid temperature range: -25 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³</p> <p data-bbox="199 1249 327 1272">Technical:</p> <p data-bbox="199 1283 766 1485">Rated flow: 82.8 m³/h Rated head: 111.6 m Actual impeller diameter: 300 mm Nominal impeller diameter: 315 mm Shaft seal arrangement: Single Code for shaft seal: BQQE Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1518 319 1541">Materials:</p> <p data-bbox="199 1552 734 1843">Pump housing: Cast iron EN-GJL-250 ASTM class 35 Wear ring: Brass Impeller: Cast iron EN-GJL-200 ASTM class 30 Shaft: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1877 343 1899">Installation:</p> <p data-bbox="199 1910 686 2101">Maximum ambient temperature: 55 °C Maximum operating pressure: 16 bar Pipe connection standard: EN 1092-2 Size of inlet connection: DN 65 Size of outlet connection: DN 50 Pressure rating for pipe connection: PN 16 Pump housing with feet: Y</p>

Qty.	Description
	Support block: Y
	Electrical data:
	IE Efficiency class: IE3
	P2: 45 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-420D/660-725Y V
	Rated current: 82,0-75,0/47,5-43,5 A
	Starting current: 690-690 %
	Cos phi - power factor: 0.89
	Rated speed: 2960 rpm
	Efficiency: IE3 94,0%
	Motor efficiency at full load: 94.0-94.0 %
	Motor efficiency at 3/4 load: 94.5-94.5 %
	Motor efficiency at 1/2 load: 94.4-94.4 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Others:
	Minimum efficiency index, MEI $\hat{\%}$: 0.56
	Net weight: 449 kg
	Gross weight: 482 kg
	Shipping volume: 0.951 m ³
	Country of origin: HU
	Custom tariff no.: 84137051

98975678 NB 50-315/300 ASF2ABQQE 50 Hz



Description	Value
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General information:

Product name: NB 50-315/300 ASF2ABQQE

Product No: 98975678

EAN number: 5712604547250

Price: 8.229,00 GBP

Technical:

Rated flow: 82.8 m³/h

Rated head: 111.6 m

Actual impeller diameter: 300 mm

Nominal impeller diameter: 315 mm

Shaft seal arrangement: Single

Shaft diameter: 32 mm

Code for shaft seal: BQQE

Curve tolerance: ISO9906:2012 3B

Pump version: AS

Materials:

Pump housing: Cast iron
EN-GJL-250
ASTM class 35

Wear ring: Brass

Impeller: Cast iron
EN-GJL-200
ASTM class 30

Shaft: Stainless steel
EN 1.4301
AISI 304

Material code: A

Installation:

Maximum ambient temperature: 55 °C

Maximum operating pressure: 16 bar

Pipe connection standard: EN 1092-2

Size of inlet connection: DN 65

Size of outlet connection: DN 50

Pressure rating for pipe connection: PN 16

Pump housing with feet: Y

Support block: Y

Connect code: F2

Liquid:

Pumped liquid: Water

Liquid temperature range: -25 .. 120 °C

Liquid temperature during operation: 20 °C

Density: 998.2 kg/m³

Electrical data:

IE Efficiency class: IE3

P2: 45 kW

Mains frequency: 50 Hz

Rated voltage: 3 x 380-420D/660-725Y V

Rated current: 82,0-75,0/47,5-43,5 A

Starting current: 690-690 %

Cos phi - power factor: 0.89

Rated speed: 2960 rpm

Efficiency: IE3 94,0%

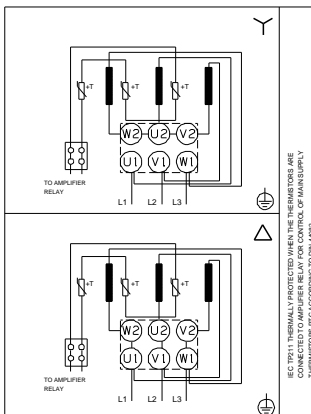
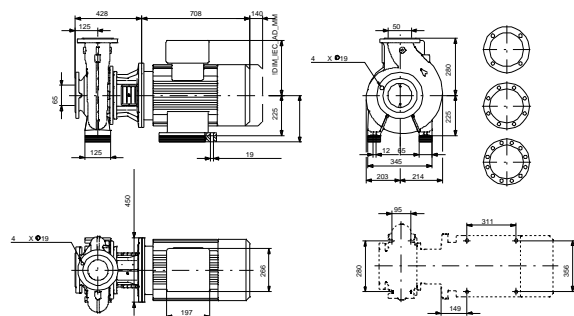
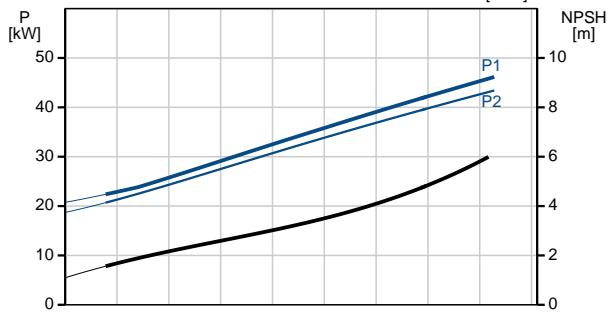
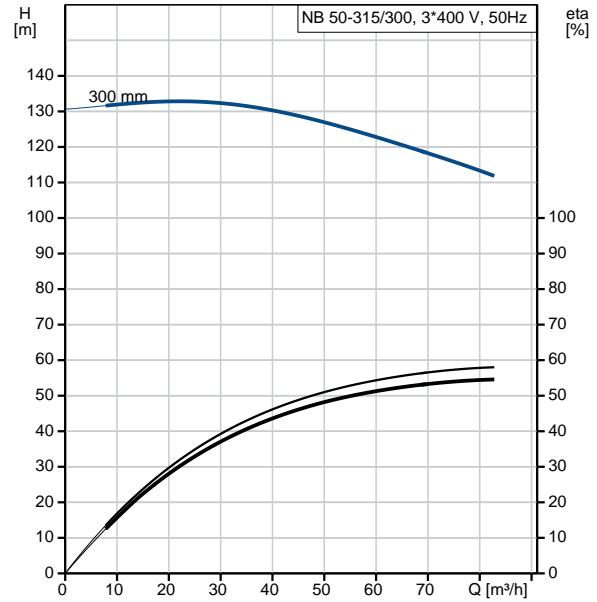
Motor efficiency at full load: 94.0-94.0 %

Motor efficiency at 3/4 load: 94.5-94.5 %

Motor efficiency at 1/2 load: 94.4-94.4 %

Number of poles: 2

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



IF THE THERMAL RELAY IS CONNECTED TO THE MAINS SUPPLY, THE THERMAL RELAY MUST BE CONNECTED TO AN AMPLIFIER RELAY FOR CONTROL OF MAINS SUPPLY. THEREFORE PLEASE REFER TO DIN 4802.



Company name:

Created by:

Phone:

Date:

21/03/2019

Description	Value
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	99032149
Mount. design. acc. IEC 34-7:	IM B35
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI $\eta_{\%}$:	0.56
Net weight:	449 kg
Gross weight:	482 kg
Shipping volume:	0.951 m ³
Country of origin:	HU
Custom tariff no.:	84137051