
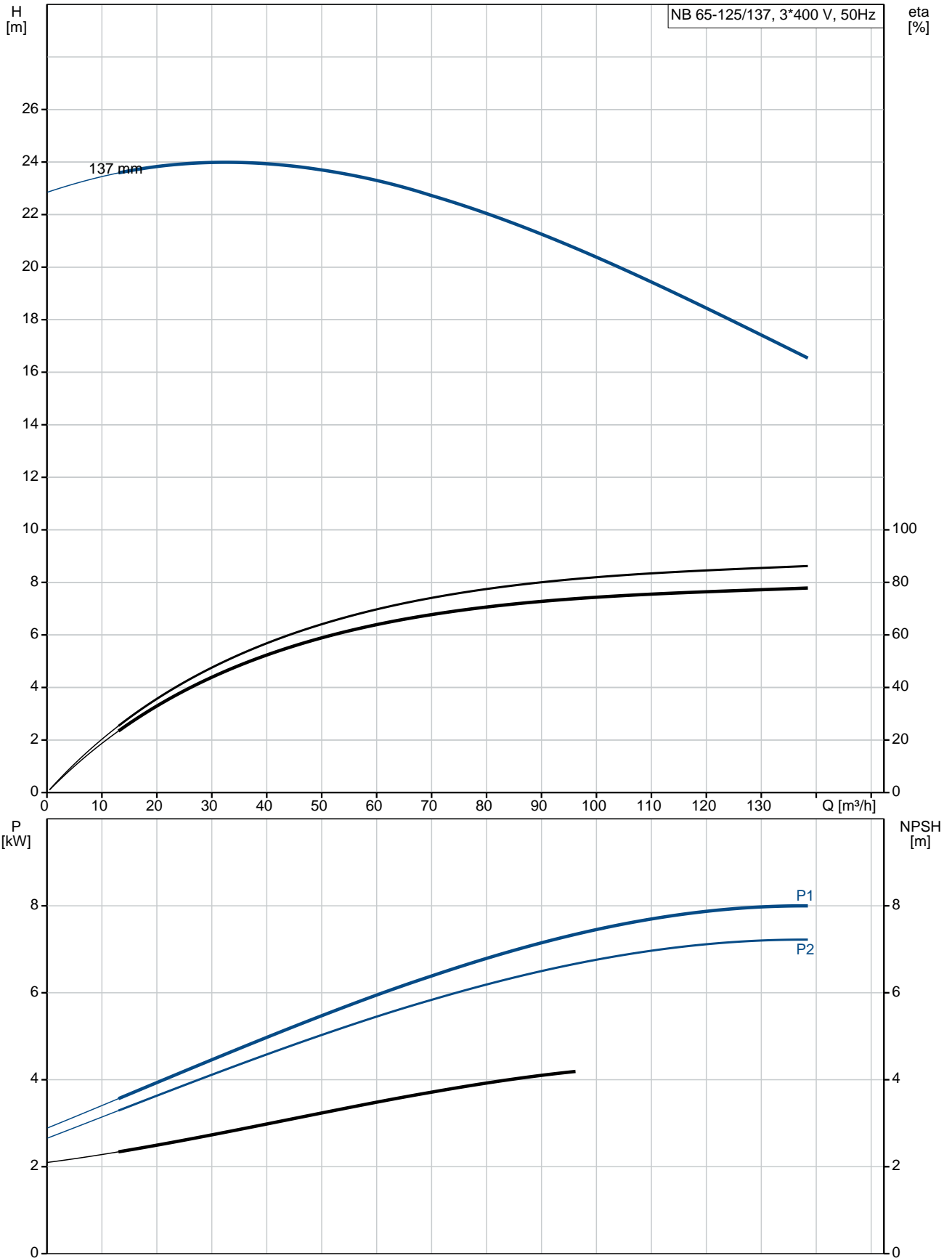


Qty.	Description
1	<p data-bbox="199 338 517 367"><b>NB 65-125/137 AF2ABQQE</b></p> <div data-bbox="285 456 509 598" style="text-align: center;">  </div> <p data-bbox="199 660 469 689">Product No.: <a href="#">97933644</a></p> <p data-bbox="199 719 1461 772">Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and rated performance according to EN 733 (10 bar).</p> <p data-bbox="199 806 1452 884">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="199 896 943 925">The unbalanced rubber bellows seal is according to DIN EN 12756.</p> <p data-bbox="199 925 908 954">The pump is close-coupled to a fan-cooled asynchronous motor.</p> <p data-bbox="199 983 316 1012"><b>Controls:</b></p> <p data-bbox="199 1012 639 1041">Frequency converter: NONE</p> <p data-bbox="199 1070 288 1099"><b>Liquid:</b></p> <p data-bbox="199 1099 635 1128">Pumped liquid: Water</p> <p data-bbox="199 1128 707 1158">Liquid temperature range: -25 .. 120 °C</p> <p data-bbox="199 1158 687 1187">Liquid temperature during operation: 20 °C</p> <p data-bbox="199 1187 699 1216">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1245 328 1274"><b>Technical:</b></p> <p data-bbox="199 1274 667 1303">Rated flow: 115 m<sup>3</sup>/h</p> <p data-bbox="199 1303 659 1332">Rated head: 18.73 m</p> <p data-bbox="199 1332 659 1361">Actual impeller diameter: 137 mm</p> <p data-bbox="199 1361 659 1391">Nominal impeller diameter: 125 mm</p> <p data-bbox="199 1391 635 1420">Shaft seal arrangement: Single</p> <p data-bbox="199 1420 639 1449">Code for shaft seal: BQQE</p> <p data-bbox="199 1449 764 1478">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1507 320 1536"><b>Materials:</b></p> <p data-bbox="199 1536 735 1632">Pump housing: Cast iron EN-GJL-250 ASTM class 35</p> <p data-bbox="199 1632 632 1662">Wear ring: Brass</p> <p data-bbox="199 1662 735 1758">Impeller: Cast iron EN-GJL-200 ASTM class 30</p> <p data-bbox="199 1758 729 1854">Shaft: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1883 344 1912"><b>Installation:</b></p> <p data-bbox="199 1912 632 1942">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1942 639 1971">Maximum operating pressure: 16 bar</p> <p data-bbox="199 1971 687 2000">Pipe connection standard: EN 1092-2</p> <p data-bbox="199 2000 639 2029">Size of inlet connection: DN 80</p> <p data-bbox="199 2029 639 2058">Size of outlet connection: DN 65</p> <p data-bbox="199 2058 687 2087">Pressure rating for pipe connection: PN 16</p> <p data-bbox="199 2087 584 2116">Pump housing with feet: Y</p>

Qty.	Description
	Support block: N
	<b>Electrical data:</b>
	IE Efficiency class: IE3
	P2: 7.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-415D/660-690Y V
	Rated current: 14,4-14,0/8,30-8,10 A
	Starting current: 780-910 %
	Cos phi - power factor: 0.88-0.86
	Rated speed: 2910-2920 rpm
	Efficiency: IE3 90,1% - IE3 90,4%
	Motor efficiency at full load: 90.1-90.4 %
	Motor efficiency at 3/4 load: 90.8 %
	Motor efficiency at 1/2 load: 90.8 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	<b>Others:</b>
	Minimum efficiency index, MEI $\hat{\alpha}\%$ : 0.70
	Net weight: 93 kg
	Gross weight: 115 kg
	Shipping volume: 0.509 m <sup>3</sup>
	Country of origin: HU
	Custom tariff no.: 84137051

## 97933644 NB 65-125/137 AF2ABQQE 50 Hz







Company name:

Created by:

Phone:

Date:

21/03/2019

Description	Value
Motor protec:	PTC
Motor No:	87370232
Mount. design. acc. IEC 34-7:	IM V1/B5
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta$ ‰:	0.70
Net weight:	93 kg
Gross weight:	115 kg
Shipping volume:	0.509 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137051

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