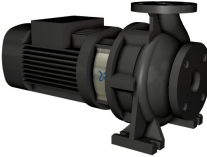
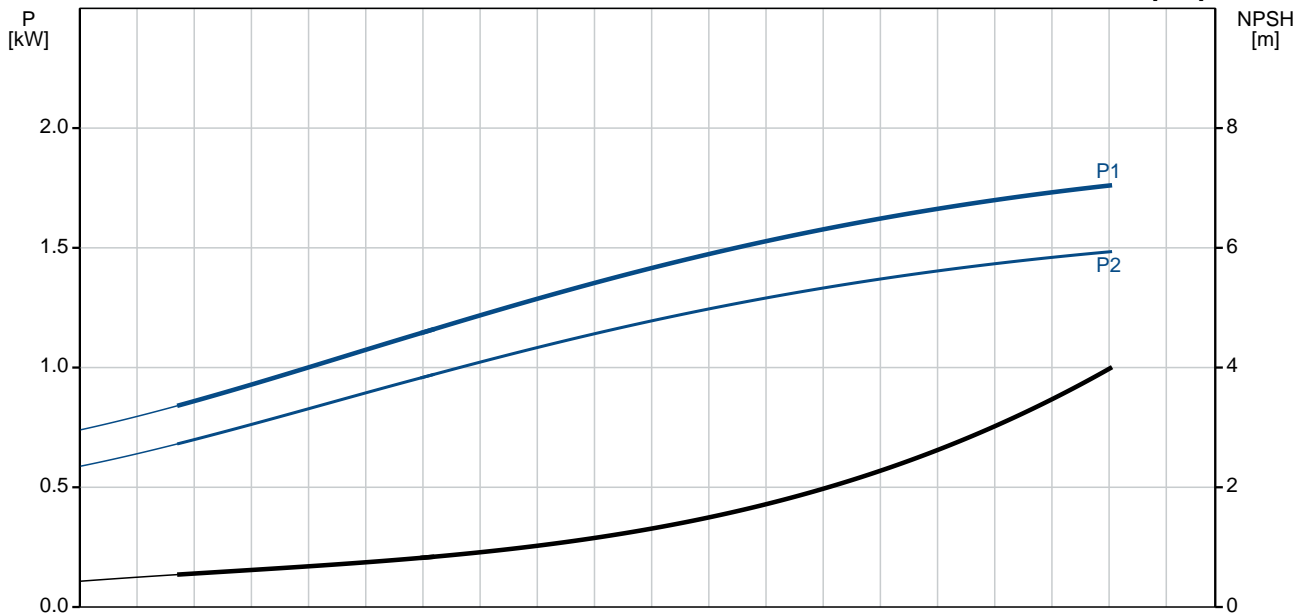
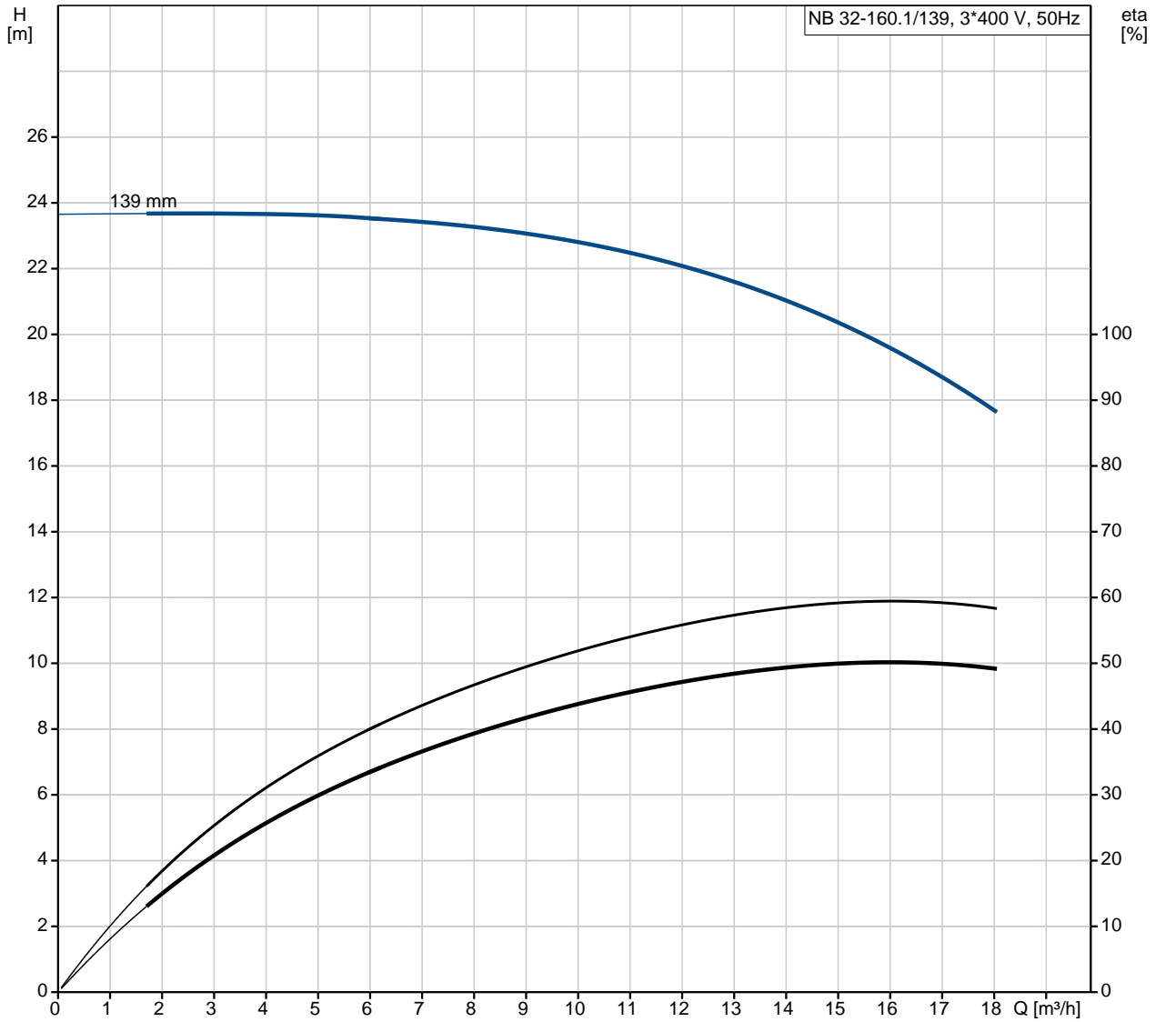


Qty.	Description
1	<p data-bbox="199 336 534 369"><b>NB 32-160.1/139 AF2ABQQE</b></p> <div data-bbox="295 448 502 604" style="text-align: center;">  </div> <p data-bbox="199 660 470 683">Product No.: <a href="#">98177522</a></p> <p data-bbox="199 716 1460 772">Non-self-priming, single-stage, centrifugal 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="199 896 941 918">The unbalanced rubber bellows seal is according to DIN EN 12756.</p> <p data-bbox="199 929 909 952">The pump is close-coupled to a fan-cooled asynchronous motor.</p> <p data-bbox="199 985 319 1008"><b>Controls:</b></p> <p data-bbox="199 1019 638 1041">Frequency converter: NONE</p> <p data-bbox="199 1075 287 1097"><b>Liquid:</b></p> <p data-bbox="199 1108 638 1131">Pumped liquid: Water</p> <p data-bbox="199 1142 702 1164">Liquid temperature range: -25 .. 120 °C</p> <p data-bbox="199 1176 686 1198">Liquid temperature during operation: 20 °C</p> <p data-bbox="199 1209 702 1232">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1254 327 1276"><b>Technical:</b></p> <p data-bbox="199 1288 670 1310">Rated flow: 15.9 m<sup>3</sup>/h</p> <p data-bbox="199 1321 654 1344">Rated head: 19.27 m</p> <p data-bbox="199 1355 654 1377">Actual impeller diameter: 139 mm</p> <p data-bbox="199 1388 678 1411">Nominal impeller diameter: 160.1 mm</p> <p data-bbox="199 1422 638 1444">Shaft seal arrangement: Single</p> <p data-bbox="199 1456 638 1478">Code for shaft seal: BQQE</p> <p data-bbox="199 1489 766 1512">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1534 319 1556"><b>Materials:</b></p> <p data-bbox="199 1568 734 1646">Pump housing: Cast iron EN-GJL-250 ASTM class 35</p> <p data-bbox="199 1657 638 1680">Wear ring: Brass</p> <p data-bbox="199 1691 734 1769">Impeller: Cast iron EN-GJL-200 ASTM class 30</p> <p data-bbox="199 1780 734 1859">Shaft: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1881 343 1904"><b>Installation:</b></p> <p data-bbox="199 1915 638 1937">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1948 638 1971">Maximum operating pressure: 16 bar</p> <p data-bbox="199 1982 686 2004">Pipe connection standard: EN 1092-2</p> <p data-bbox="199 2016 638 2038">Size of inlet connection: DN 50</p> <p data-bbox="199 2049 638 2072">Size of outlet connection: DN 32</p> <p data-bbox="199 2083 686 2105">Pressure rating for pipe connection: PN 16</p> <p data-bbox="199 2116 582 2139">Pump housing with feet: Y</p>

Qty.	Description
	Support block: N
	<b>Electrical data:</b>
	IE Efficiency class: IE3
	P2: 1.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 220-240D/380-415Y V
	Rated current: 5.45/3.15 A
	Starting current: 850-930 %
	Cos phi - power factor: 0.87-0.82
	Rated speed: 2890-2910 rpm
	Efficiency: IE3 84,2%
	Motor efficiency at full load: 84.2 %
	Motor efficiency at 3/4 load: 84.5 %
	Motor efficiency at 1/2 load: 83.1 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	<b>Others:</b>
	Minimum efficiency index, MEI $\hat{\%}$ : 0.70
	Net weight: 42 kg
	Gross weight: 52 kg
	Shipping volume: 0.178 m <sup>3</sup>
	Country of origin: HU
	Custom tariff no.: 84137051

## 98177522 NB 32-160.1/139 AF2ABQQE 50 Hz







Company name:

Created by:

Phone:

Date:

21/03/2019

Description	Value
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	87220289
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:	42 kg
Gross weight:	52 kg
Shipping volume:	0.178 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137051

## 98177522 NB 32-160.1/139 AF2ABQQE 50 Hz

