
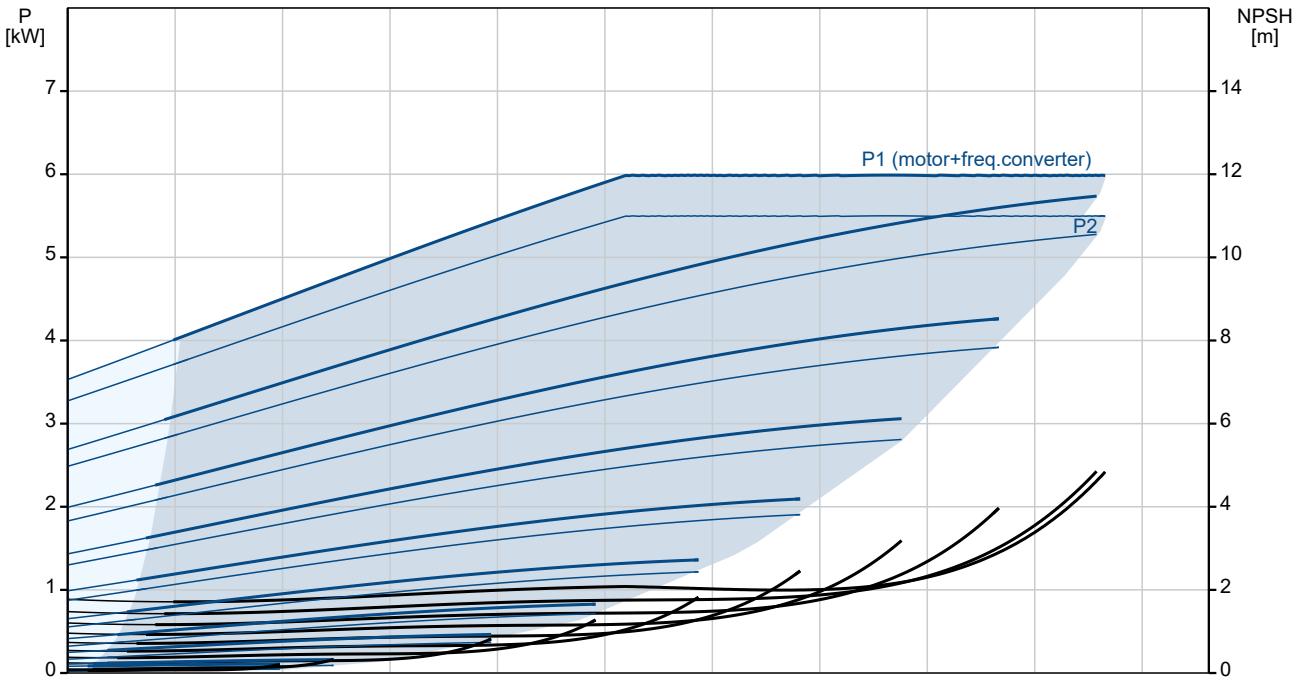
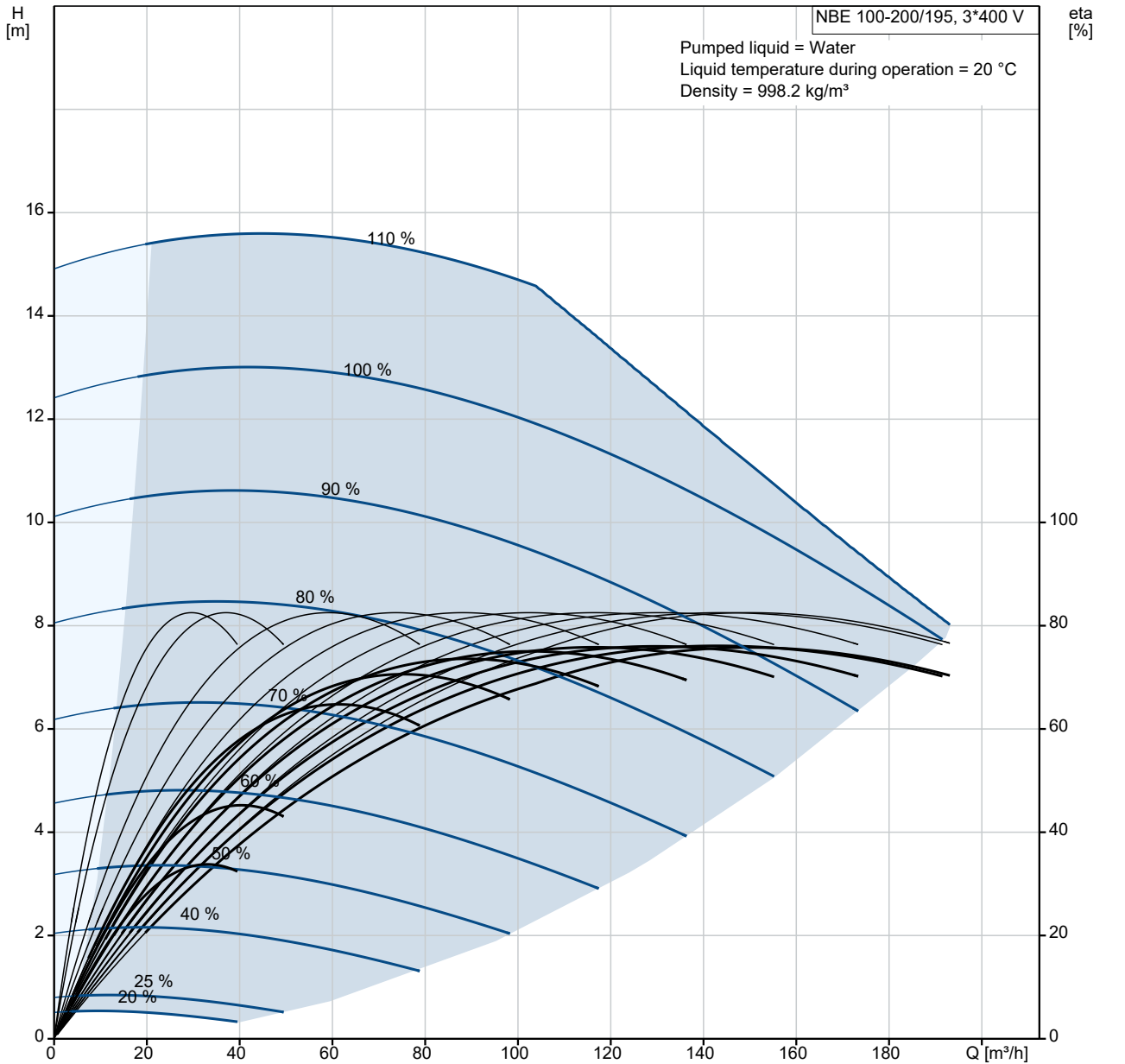


Qty.	Description
1	NBE 100-200/195 AAF2AESBQQELWA
	
	<p>Note! Product picture may differ from actual product</p>
	<p>Product No.: 99105448</p>
	<p>Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and rated performance according to EN 733 (10 bar).</p>
	<p>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>The unbalanced rubber bellows seal is according to DIN EN 12756.</p>
	<p>The pump is close-coupled to a fan-cooled, permanent-magnet synchronous motor.</p>
	<p>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.</p>
	<p>Controls:</p>
	<p>Frequency converter: Built-in</p>
	<p>Pressure sensor: N</p>
	<p>Liquid:</p>
	<p>Pumped liquid: Water</p>
	<p>Liquid temperature range: -25 .. 120 °C</p>
	<p>Selected liquid temperature: 20 °C</p>
	<p>Density: 998.2 kg/m³</p>
	<p>Technical:</p>
	<p>Pump speed on which pump data are based: 1450 rpm</p>
	<p>Rated flow: 145.7 m³/h</p>
	<p>Rated head: 10.2 m</p>
	<p>Actual impeller diameter: 195 mm</p>
	<p>Nominal impeller diameter: 200</p>
	<p>Shaft seal arrangement: Single</p>
	<p>Code for shaft seal: BQQE</p>
	<p>Curve tolerance: ISO9906:2012 3B2</p>
	<p>Bearing design: Standard</p>
	<p>Materials:</p>
	<p>Pump housing: Cast iron EN-GJL-250 ASTM class 35</p>
	<p>Wear ring: Brass</p>
	<p>Impeller: Cast iron EN-GJL-200 ASTM class 30</p>
	<p>Internal pump house coating: CED</p>
	<p>Shaft: Stainless steel EN 1.4301 AISI 304</p>
	<p>Installation:</p>
	<p>Range of ambient temperature: -20 .. 50 °C</p>
	<p>Maximum operating pressure: 16 bar</p>
	<p>Pipe connection standard: EN 1092-2</p>
	<p>Size of inlet connection: DN 125</p>
	<p>Size of outlet connection: DN 100</p>
	<p>Pressure rating for connection: PN 16</p>

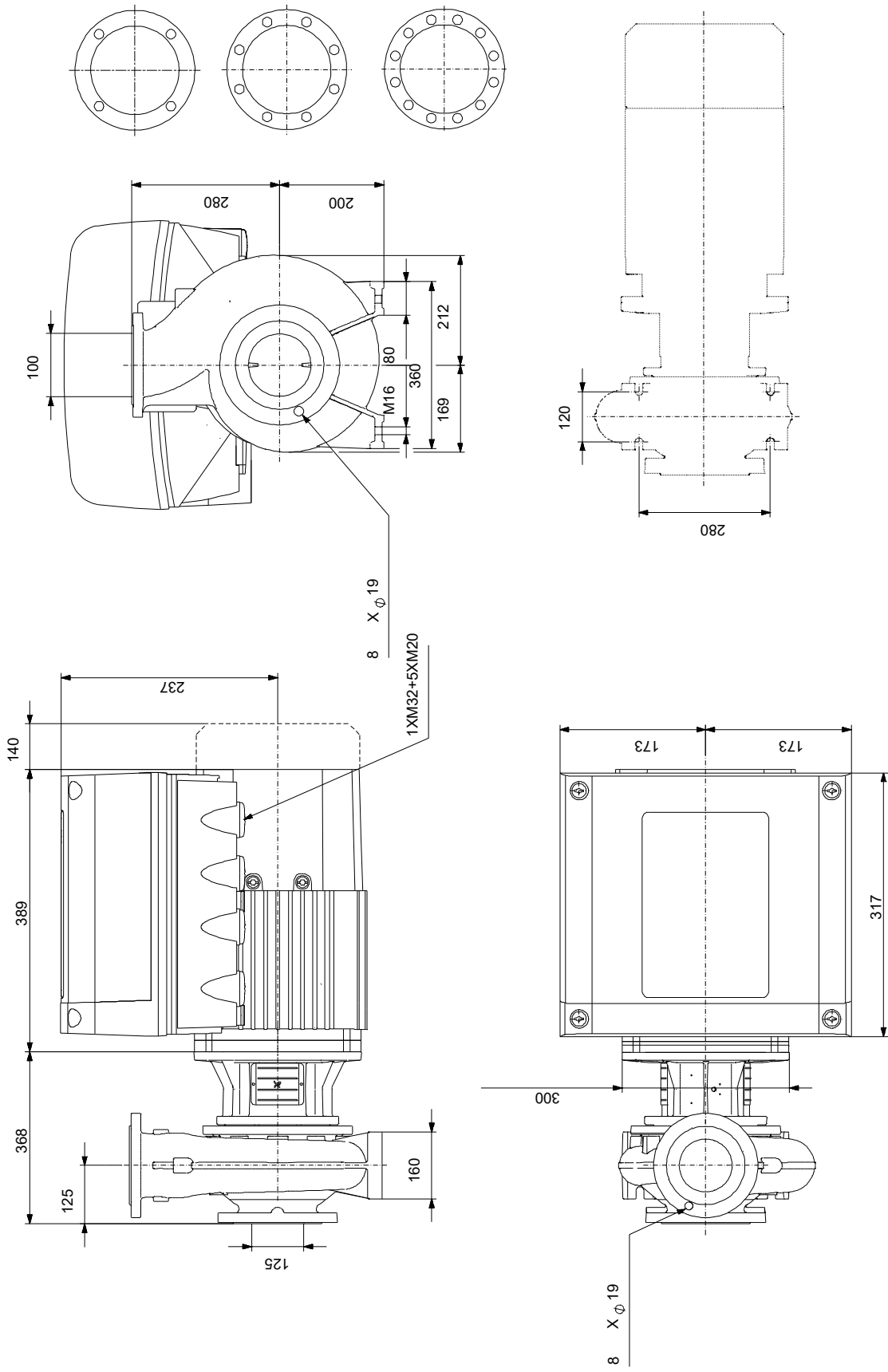
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99105448 NBE 100-200/195 AAF2AESBQQELWA 50 Hz



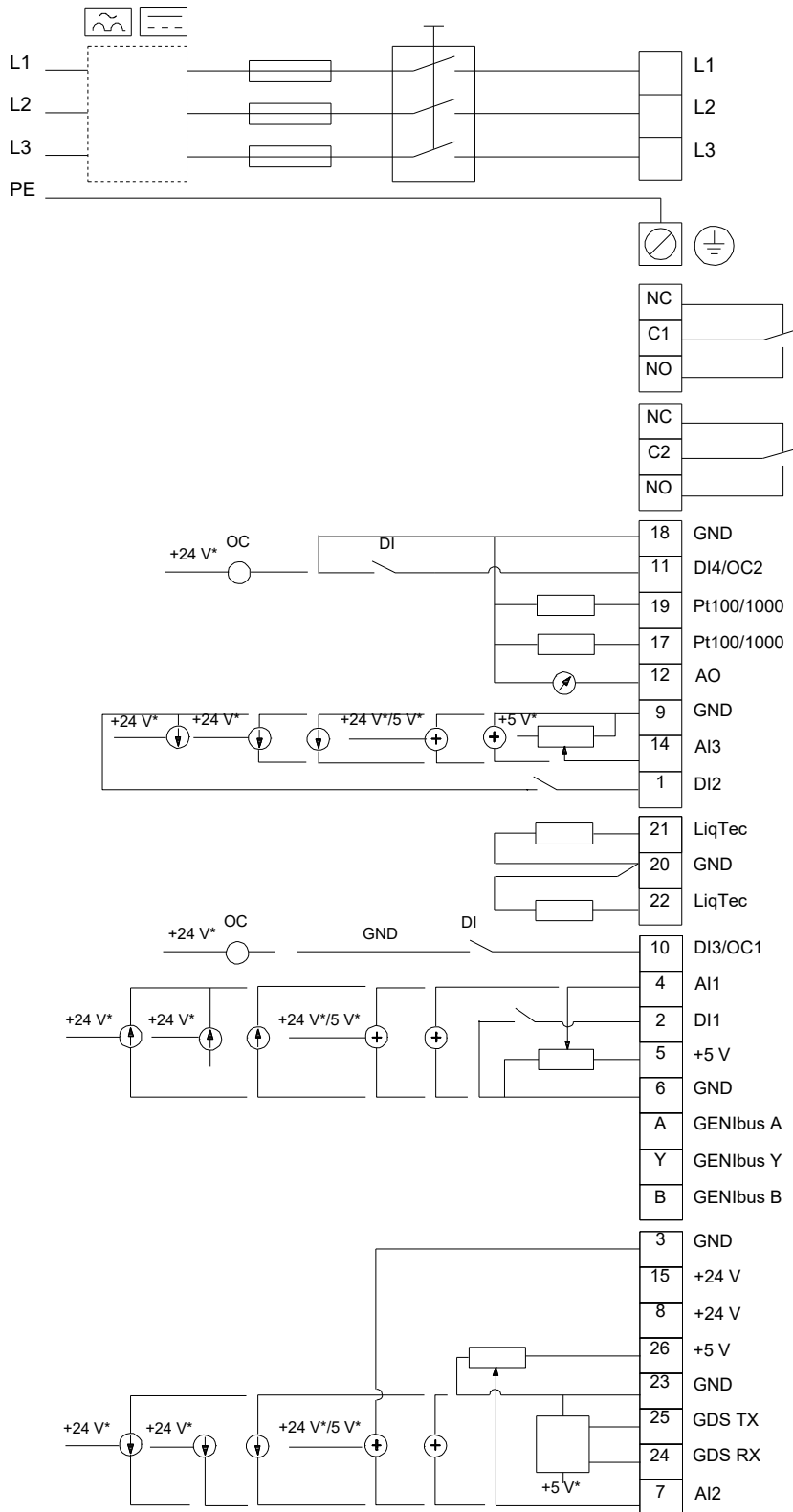
Description	Value
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Control panel:	HMI300 - Advanced
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.65
Net weight:	125 kg
Gross weight:	146 kg
Shipping volume:	0.509 m ³
Danish VVS No.:	386105202
Country of origin:	HU
Custom tariff no.:	84139100

99105448 NBE 100-200/195 AAF2AESBQQELWA 50 Hz



Note! All units are in [mm] unless others are stated.
 Disclaimer: This simplified dimensional drawing does not show all details.

99105448 NBE 100-200/195 AAF2AESBQQELWA 50 Hz



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