
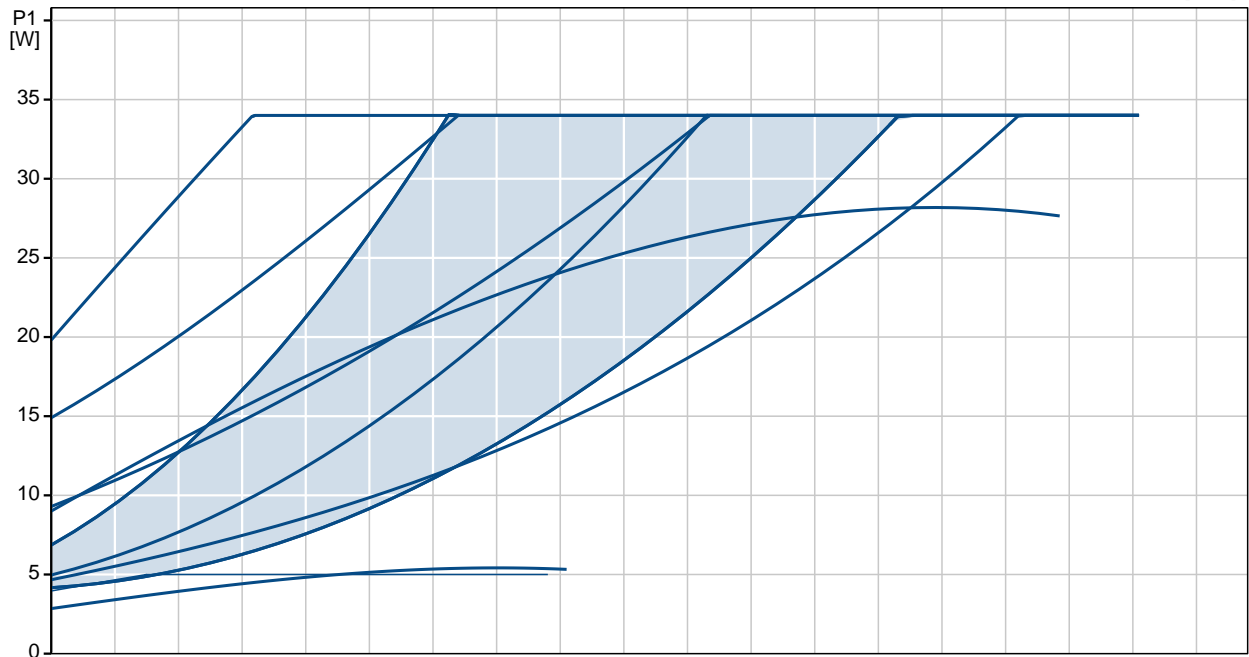
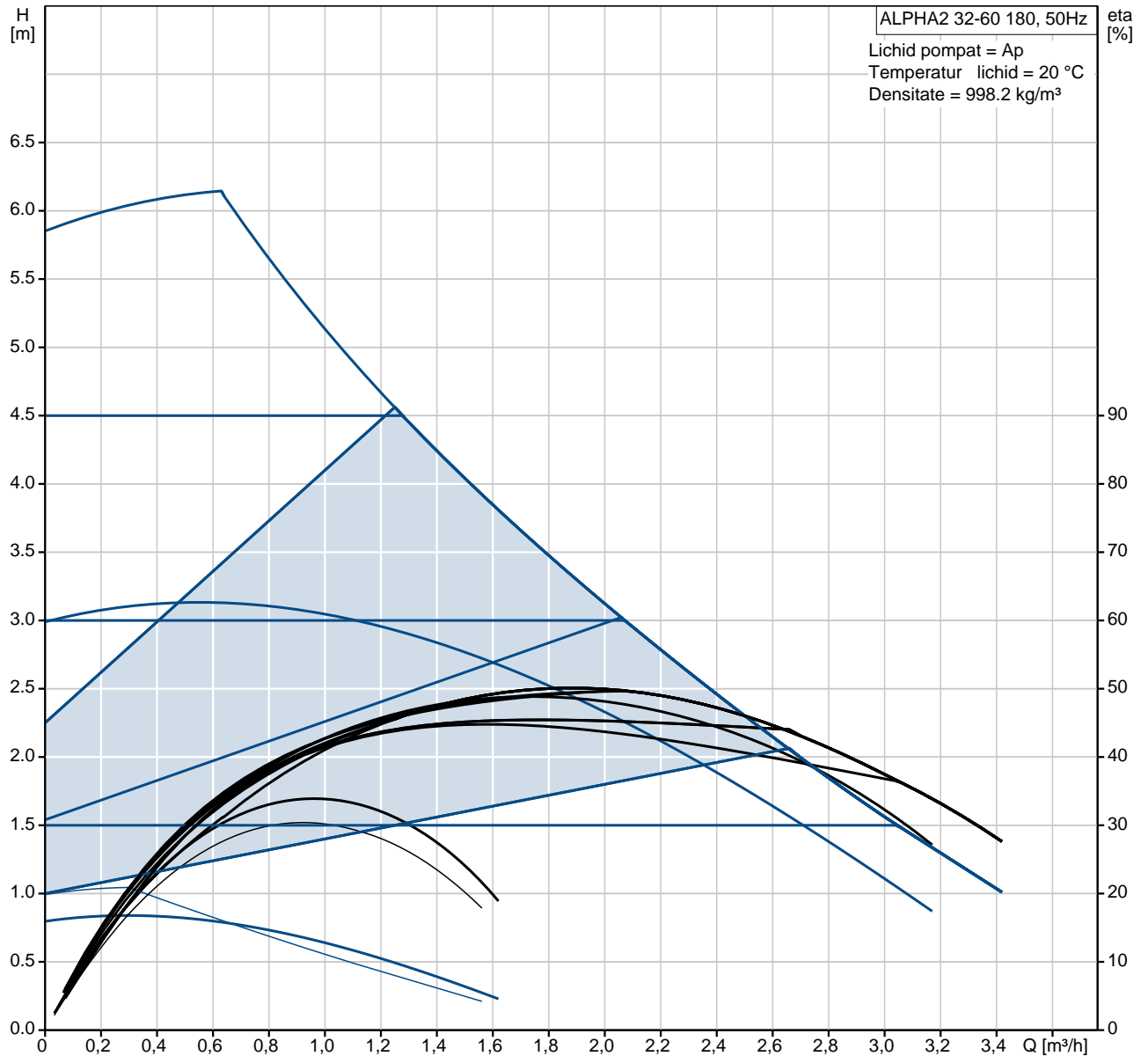


Pozi ie	Cant.	Descriere																										
	1	<p><b>ALPHA2 32-60 180</b></p>  <p style="text-align: center;"><b>Not ! Poza de produs poate diferi de produsul actual</b></p> <p>Nr. Produs: <a href="#">97993205</a></p> <p>High-efficiency circulator pump with permanent-magnet motor (ECM technology) and integrated electronic performance adaptation due to continuously variable speed control for circulation of clean heating water according to VDI 2035.</p> <p>Features and benefits:</p> <ul style="list-style-type: none"> <li>• No more experiments of settings. The AUTOADAPT function will automatically find the best setpoint.</li> <li>• No extra costs.</li> <li>• Insulating shells are supplied with pumps for heating systems.</li> <li>• Everything under control thanks to display showing actual power consumption in Watt or actual flow in m<sup>3</sup>/h.</li> <li>• High energy savings due to the best energy efficiency index (EEI) in the market.</li> <li>• For sensitive applications, stainless-steel pump housings are available.</li> <li>• Complies with the German regulation for energy saving in buildings and building systems - Energieeinsparverordnung – EnEV §14(3).</li> <li>• Automatic Night Setback that further reduces the energy consumption.</li> <li>• Simple selection among three constant-pressure curves, three proportional-pressure curves or three fixed speeds with only one button.</li> <li>• Easy electrical connection due to new ALPHA plug.</li> <li>• Higher application flexibility as the ALPHA2 is now suitable for cold-water systems.</li> <li>• No corrosion issues due to electro-coated pump housing.</li> <li>• Reduced installation costs as no external motor protection is required.</li> </ul> <p><b>Liquid:</b></p> <table> <tr> <td>Lichide pompatate:</td> <td>Ap</td> </tr> <tr> <td>Gama temperaturii lichidului:</td> <td>0 .. 110 °C</td> </tr> <tr> <td>Temp. lichid:</td> <td>20 °C</td> </tr> <tr> <td>Densitate:</td> <td>998.2 kg/m<sup>3</sup></td> </tr> </table> <p><b>Technical:</b></p> <table> <tr> <td>Clasa TF:</td> <td>110</td> </tr> <tr> <td>Aprob ri pe etichet :</td> <td>VDE,GS,CE</td> </tr> </table> <p><b>Materials:</b></p> <table> <tr> <td>Corpul pompei (stator):</td> <td>Font EN-GJL-150 ASTM A48-150B</td> </tr> <tr> <td>Rotor:</td> <td>PES 30%GF</td> </tr> </table> <p><b>Instala ie:</b></p> <table> <tr> <td>Gama temperaturii ambientale:</td> <td>0 .. 40 °C</td> </tr> <tr> <td>Presiune de func ionare maxim :</td> <td>10 bar</td> </tr> <tr> <td>Racordarea pompei la instala ie:</td> <td>G 2</td> </tr> <tr> <td>Presiune maxim de func ionare:</td> <td>PN 10</td> </tr> <tr> <td>Distan a dintre porturi:</td> <td>180 mm</td> </tr> </table>	Lichide pompatate:	Ap	Gama temperaturii lichidului:	0 .. 110 °C	Temp. lichid:	20 °C	Densitate:	998.2 kg/m <sup>3</sup>	Clasa TF:	110	Aprob ri pe etichet :	VDE,GS,CE	Corpul pompei (stator):	Font EN-GJL-150 ASTM A48-150B	Rotor:	PES 30%GF	Gama temperaturii ambientale:	0 .. 40 °C	Presiune de func ionare maxim :	10 bar	Racordarea pompei la instala ie:	G 2	Presiune maxim de func ionare:	PN 10	Distan a dintre porturi:	180 mm
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Pozi ie	Cant.	Descriere
		<p><b>Electrical data:</b></p> <p>Power input - P1: 3 .. 34 W</p> <p>Curent consumat maxim: 0.04 .. 0.32 A</p> <p>Frecven a re elei electrice: 50 Hz</p> <p>Tensiune nominal : 1 x 230 V</p> <p>Grad de protec ie (IEC 34-5): X4D</p> <p>Clas de izolare (IEC 85): F</p> <p><b>Others:</b></p> <p>Energy (EEL): 0.17</p> <p>Greutate net : 2.18 kg</p> <p>Greutate brut : 2.3 kg</p> <p>Volum de transport: 0.004 m<sup>3</sup></p>

# 97993205 ALPHA2 32-60 180 50 Hz



**Descriere** **Valori i tipuri**

Nume produs: ALPHA2 32-60 180  
 Nr. produs: 97993205  
 Num rul EAN: 5710627540449

**Technical:**

În l ime de pompare max.: 60 dm  
 Clasa TF: 110  
 Aprob ri pe etichet : VDE,GS,CE

**Materials:**

Corpul pompei (stator): Font  
 EN-GJL-150  
 ASTM A48-150B  
 Rotor: PES 30%GF

**Instala ie:**

Gama temperaturii ambientale: 0 .. 40 °C  
 Presiune de func ionare maxim : 10 bar

Racordarea pompei la instala ie: G 2  
 Presiune maxim de func ionare: PN 10

Distan a dintre porturi: 180 mm

**Liquid:**

Lichide pompate: Ap  
 Gama temperaturii lichidului: 0 .. 110 °C  
 Temp. lichid: 20 °C  
 Densitate: 998.2 kg/m<sup>3</sup>

**Electrical data:**

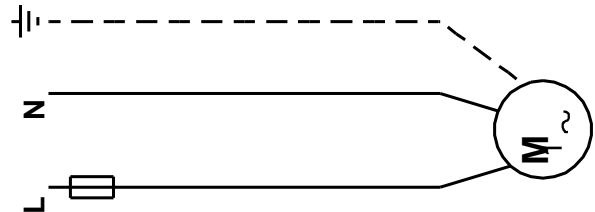
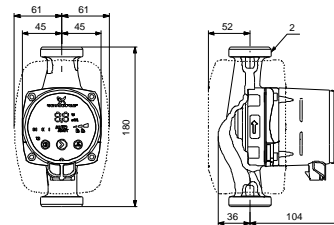
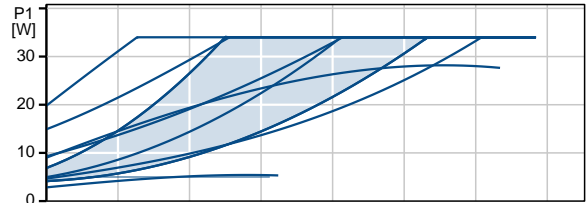
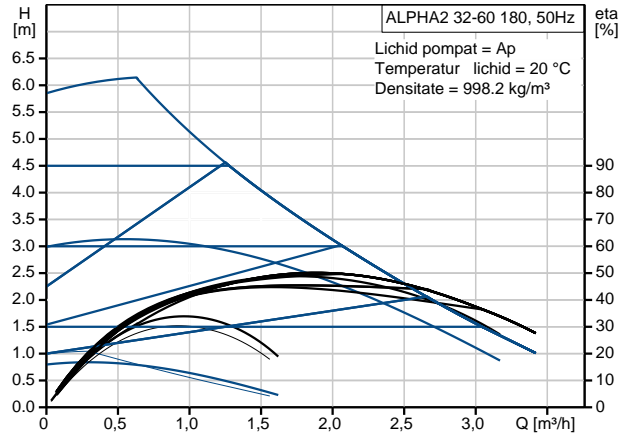
Power input - P1: 3 .. 34 W  
 Curent consumat maxim: 0.04 .. 0.32 A  
 Frecven a re elei electrice: 50 Hz  
 Tensiune nominal : 1 x 230 V  
 Grad de protec ie (IEC 34-5): X4D  
 Clas de izolare (IEC 85): F  
 Tip protec ie motor încorporat : F r  
 Protec ie termic : ELEC

**Controls:**

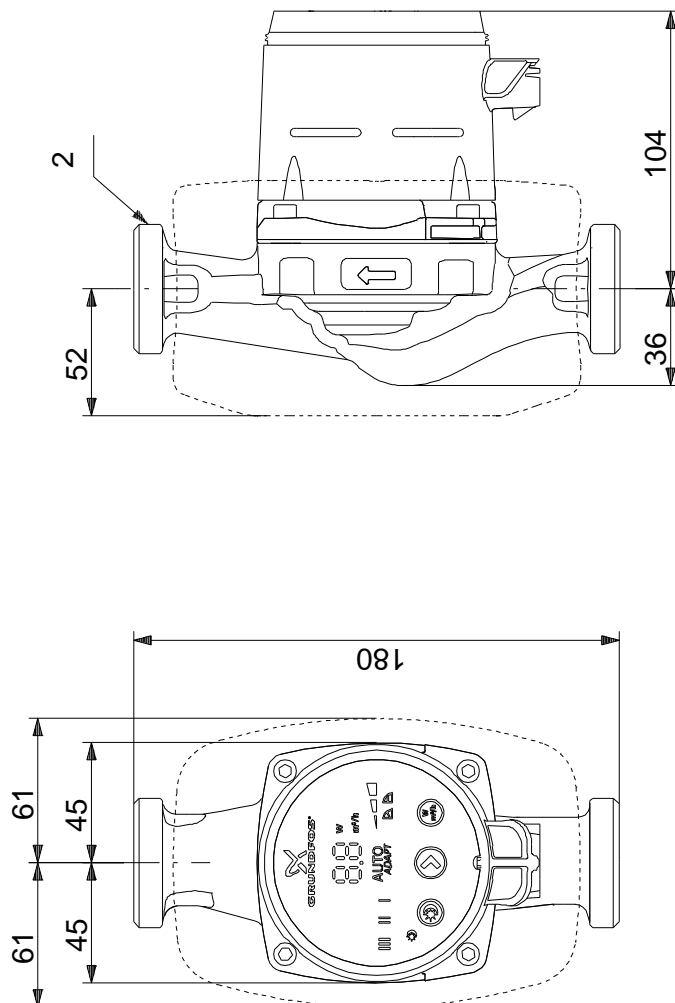
Automat noaptea: func ionare redus automat pe timp te noapte inclus  
 Pozi ia cutiei de conexiuni: 6H

**Others:**

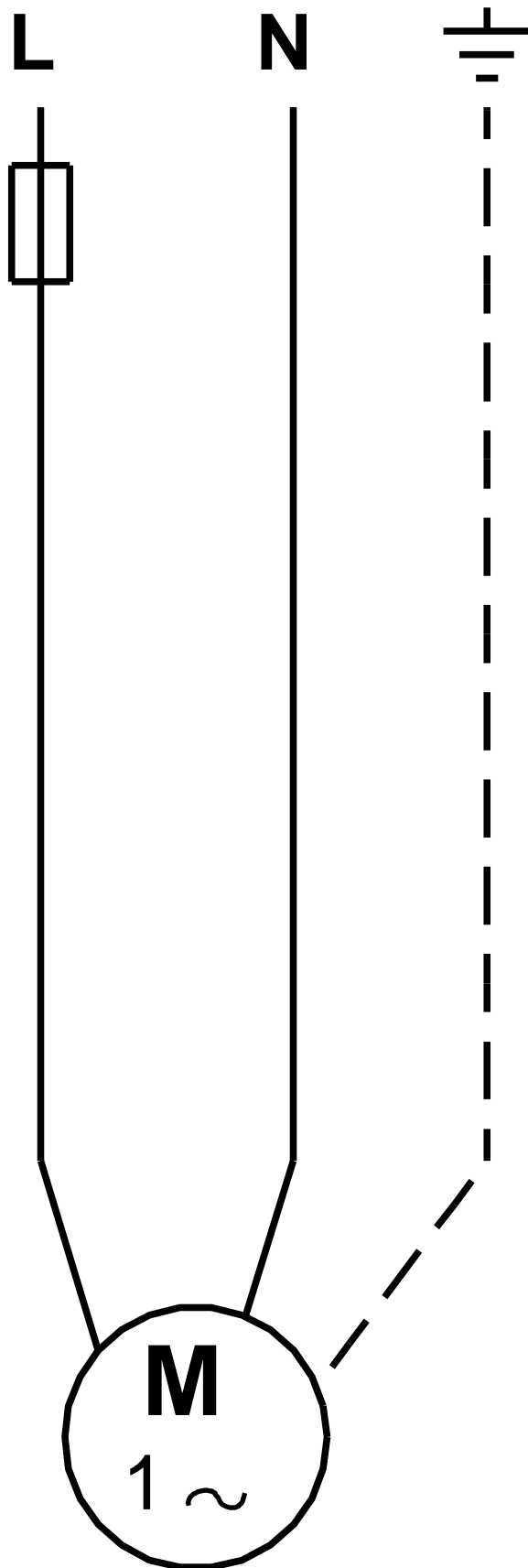
Energy (EEI): 0.17  
 Greutate net : 2.18 kg  
 Greutate brut : 2.3 kg  
 Volum de transport: 0.004 m<sup>3</sup>



# 97993205 ALPHA2 32-60 180 50 Hz



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



Not ! Toate unit ile sunt în [mm] dac nu altele sunt condi iile.