


Poz cija	Daudz.	Apraksts
	1	<p><b>Grundfos ALPHA1 L 25-60 180 is a high-efficiency circulator pump with permanent-magnet motor (ECM technology).</b></p>  <p style="text-align: right;">Uzman bu! Izstr d juma att ls var atš irties no faktisk izstr d juma izskata.</p> <p>Izstr d juma Nr.: <a href="#">99160584</a></p> <p>The pump features three control modes; radiator heating mode, underfloor heating mode and constant curve/constant speed.</p> <p>Furthermore, the speed can be controlled by a low-voltage PWM (Pulse Width Modulation) signal.</p> <p>The pump has a ceramic shaft and radial bearings, carbon thrust bearing, stainless-steel rotor can, bearing plate and rotor cladding, composite impeller, all of which contribute to long life, and the pump is self-venting, which contributes to easy commissioning as well as simple selection of control mode.</p> <p>The compact design featuring pump head with integrated control box and control panel fits into most common installations as well as boilers.</p> <p>The pump and motor form an integral unit without shaft seal. The pump is of the wet-runner design. This means the bearings are lubricated by the pumped liquid. These constructions ensure maintenance-free operation.</p> <p>The pump housing is made of cast iron and is electrocoated to improve the corrosion resistance.</p> <p>The motor is a synchronous permanent-magnet rotor/compact-stator motor. The pump controller is incorporated in the control box, which is fitted to the stator housing and connected to the stator via a terminal plug.</p> <p><b>Features ALPHA1 L</b></p> <ul style="list-style-type: none"> <li>• Three constant curves/constant speed.</li> <li>• Radiator heating mode.</li> <li>• Underfloor heating mode.</li> <li>• PWM profile for heating applications (profile A). The PWM signal is a method for generating an analog signal using a digital source.</li> <li>• Energy-optimised, complies with the ErP directive</li> <li>• Unblocking screw, accessible from the front of the control box.</li> <li>• Runs reliably and efficiently under even the most demanding conditions</li> <li>• Adjustable and flexible installer plug, with two possible cable gland positions.</li> </ul> <p><b>Š idrums:</b></p> <p>S kn jamais š idrums: dens</p> <p>Š idruma temperat ras diapazons: 2 .. 95 °C</p> <p>Liquid temperature during operation: 60 °C</p> <p>Bl vums: 983.2 kg/m<sup>3</sup></p> <p><b>Tehn.:</b></p> <p>TF klase: 95</p> <p>Apstiprin jumi pases datu pl ksn t : CE,VDE,GS</p> <p><b>Materi li:</b></p> <p>S k a korpuss: uguns</p> <p>EN 1561 EN-GJL-150</p> <p>ASTM A48-150B</p>

Poz cija	Daudz.	Apraksts
		S k rats: Composite/PES 30 % GF
		<b>Uzst d šana:</b>
		Apk rt j s vides temperat ras diapazons: 0 .. 55 °C
		Maks. darba spiediens: 10 bar
		Pievienojums: G 1 1/2
		Spiediena pak pe: PN 10
		Garums no viena pievienojuma l dz otram: 180 mm
		<b>Elektriskie dati:</b>
		Ieejas jauda P1: 4 .. 45 W
		T kla frekvence: 50 Hz
		Nomin lais spriegums: 1 x 230 V
		Maksim lais str vas pat ri š: 0.05 .. 0.42 A
		Korpasa klase (IEC 34-5): X4D
		Izol cijas klase (IEC 85): F
		<b>Citi:</b>
		Energy (EEI): 0.20
		Neto svars: 2.23 kg
		Bruto svars: 2.52 kg
		Pieg des tilpums: 0.004 m <sup>3</sup>

**Apraksts** **V rt ba**

**Visp r j inform cija:**

Izstr d juma nosaukums: ALPHA1 L 25-60 180  
 Izstr d juma Nr.: [99160584](#)  
 EAN numurs: 5712607862787

**Tehn.:**

Maks. s kn. augstums: 60 dm  
 TF klase: 95  
 Apstiprin jumi pases datu pl ksn t : CE, VDE, GS  
 Modelis: C

**Materi li:**

S k a korpuss: uguns  
 EN 1561 EN-GJL-150  
 ASTM A48-150B  
 S k rats: Composite/PES 30 % GF

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 Maks. darba spiediens: 10 bar  
 Pievienojums: G 1 1/2  
 Spiediena pak pe: PN 10  
 Garums no viena pievienojuma l dz otram: 180 mm

**Š idrums:**

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 Š idruma temperat ras diapazons: 2 .. 95 °C  
 Liquid temperature during operation: 60 °C  
 Bl vums: 983.2 kg/m<sup>3</sup>

**Elektriskie dati:**

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 T kla frekvence: 50 Hz  
 Nomin lais spriegums: 1 x 230 V  
 Maksim lais str vas pat ri š: 0.05 .. 0.42 A  
 Korpusa klase (IEC 34-5): X4D  
 Izol cijas klase (IEC 85): F  
 Motora aizsardz.: NONE  
 Termisk aizsardz.: ELEC

**Konrole:**

Spai u k rbas poz.: 6H

**Citi:**

Energy (EEI): 0.20  
 Neto svars: 2.23 kg  
 Bruto svars: 2.52 kg  
 Pieg des tilpums: 0.004 m<sup>3</sup>

