


Poz cija	Daudz.	Apraksts
	1	<p>Grundfos ALPHA1 L 32-60 180 is a high-efficiency circulator pump with permanent-magnet motor (ECM technology).</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.: 99160590</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>Features ALPHA1 L</p> <ul style="list-style-type: none"> • Three constant curves/constant speed. • Radiator heating mode. • Underfloor heating mode. • PWM profile for heating applications (profile A). The PWM signal is a method for generating an analog signal using a digital source. • Energy-optimised, complies with the ErP directive • Unblocking screw, accessible from the front of the control box. • Runs reliably and efficiently under even the most demanding conditions • Adjustable and flexible installer plug, with two possible cable gland positions. <p>Š idrums:</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/m³</p> <p>Tehn.:</p> <p>TF klase: 95</p> <p>Apstiprin jumi pases datu pl ksn t : CE,VDE,GS</p> <p>Materi li:</p> <p>S k a korpuss: uguns</p> <p>EN 1561 EN-GJL-150</p> <p>ASTM A48-150B</p>

Pozīcija	Daudz.	Apraksts
		S k rāts: Composite/PES 30 % GF
		Uzstādīšana: Apkārtojuma darba temperatūras diapazons: 0 .. 55 °C Maks. darba spiediens: 10 bar Pievienojums: G 2 Spiediena pakāpe: PN 10 Garums no viena pievienojuma līdz otram: 180 mm
		Elektriskie dati: Ieejas jauda P1: 4 .. 45 W Tīkla frekvence: 50 Hz Nominālais spriegums: 1 x 230 V Maksimālais strāvas patēriņš: 0.05 .. 0.42 A Korpuss klase (IEC 34-5): X4D Izolācijas klase (IEC 85): F
		Citi: Energy (EEI): 0.20 Neto svars: 2.36 kg Bruto svars: 2.64 kg Pieņemamais tilpums: 0.004 m ³

Apraksts **V r t ba**

Visp r j inform cija:
 Izstr d juma nosaukums: ALPHA1 L 32-60 180
 Izstr d juma Nr.: [99160590](#)
 EAN numurs: 5712607862879

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

Uzst d šana:
 Apk rt j s vides temperat ras diapazons: 0 .. 55 °C
 Maks. darba spiediens: 10 bar
 Pievienojums: G 2
 Spiediena pak pe: PN 10
 Garums no viena pievienojuma l dz otram: 180 mm

Š idrums:
 S kn jamais š idrums: dens
 Š idruma temperat ras diapazons: 2 .. 95 °C
 Liquid temperature during operation: 60 °C
 Bl vums: 983.2 kg/m³

Elektriskie dati:
 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
 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: 2.36 kg
 Bruto svars: 2.64 kg
 Pieg des tilpums: 0.004 m³

