

Kol. Opis

1 ALPHA1 L 32-60 180



Paznja! Slika proizvoda se može razlikovati od stvarnog proizvoda

Proizvodni broj: [99160590](#)

Grundfos ALPHA1 L 32-60 180 is a high-efficiency circulator pump with permanent-magnet motor (ECM technology).

The pump features three control modes; radiator heating mode, underfloor heating mode and constant curve/constant speed.

Furthermore, the speed can be controlled by a low-voltage PWM (Pulse Width Modulation) signal.

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.

The compact design featuring pump head with integrated control box and control panel fits into most common installations as well as boilers.

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.

The pump housing is made of cast iron and is electrocoated to improve the corrosion resistance.

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.

Features ALPHA1 L

- 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.

Te nost:

Dizana te nost: voda
Raspon temperature te nosti: 275 .. 368 K
Selected liquid temperature: 333 K
Gustina: 983.2 kg/m³

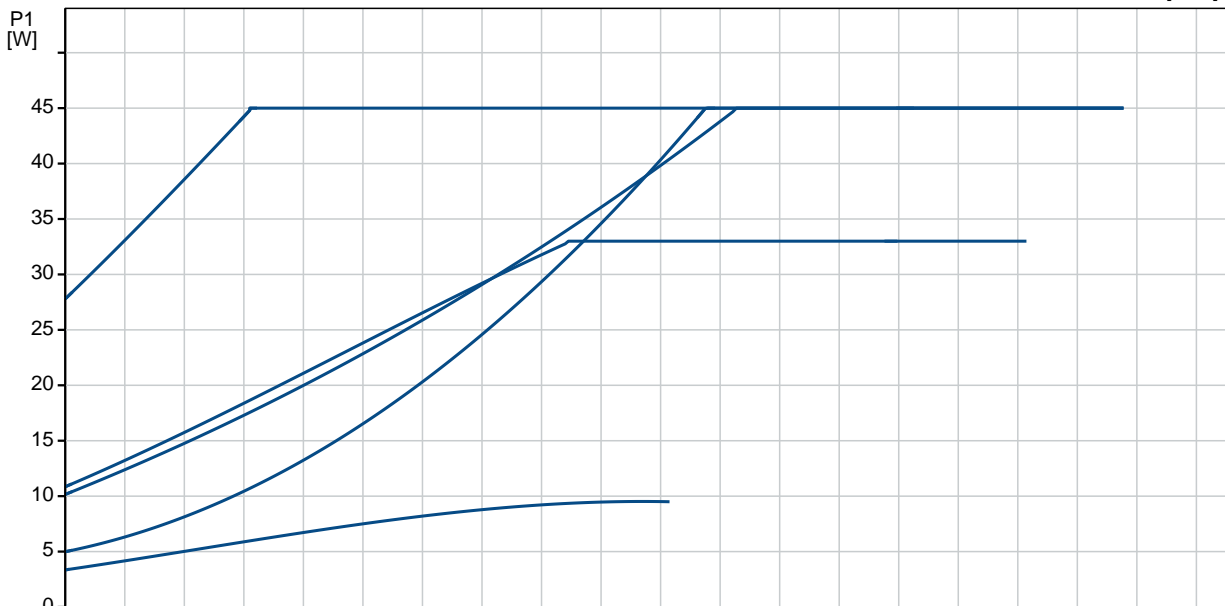
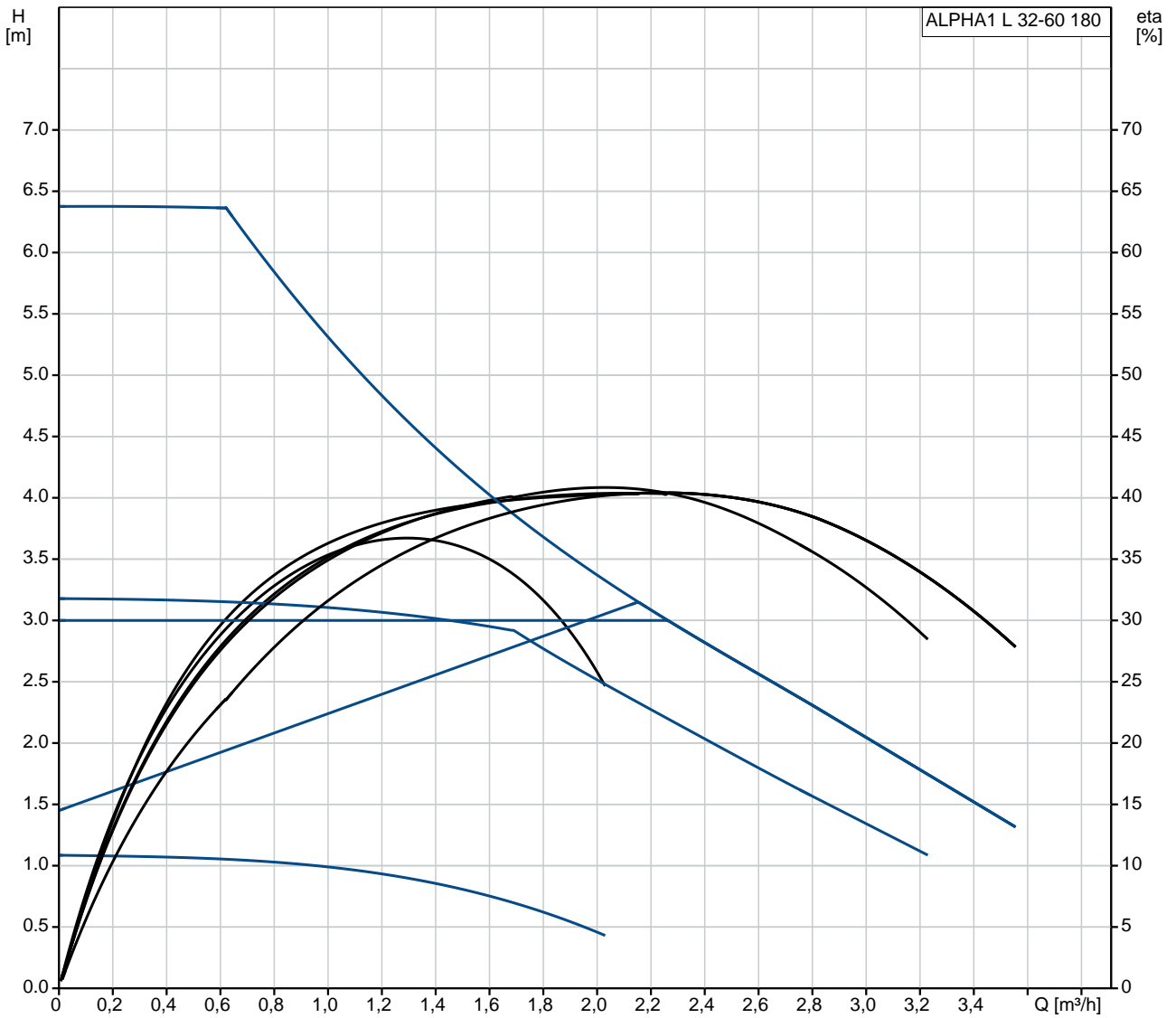
Tehni ki:

TF klasa: 95
Saglasnosti na natpisnoj plo ici: CE,VDE,EAC

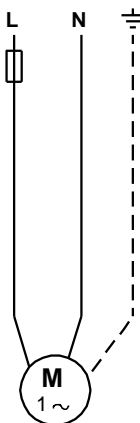
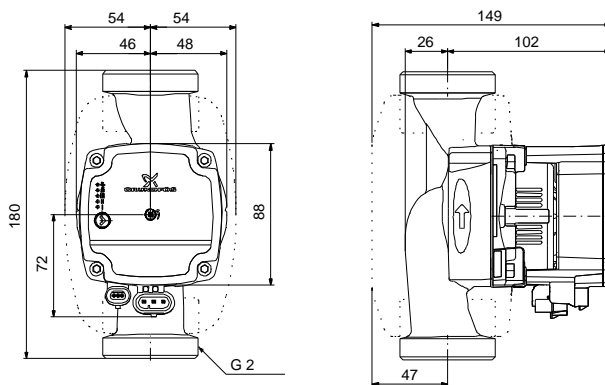
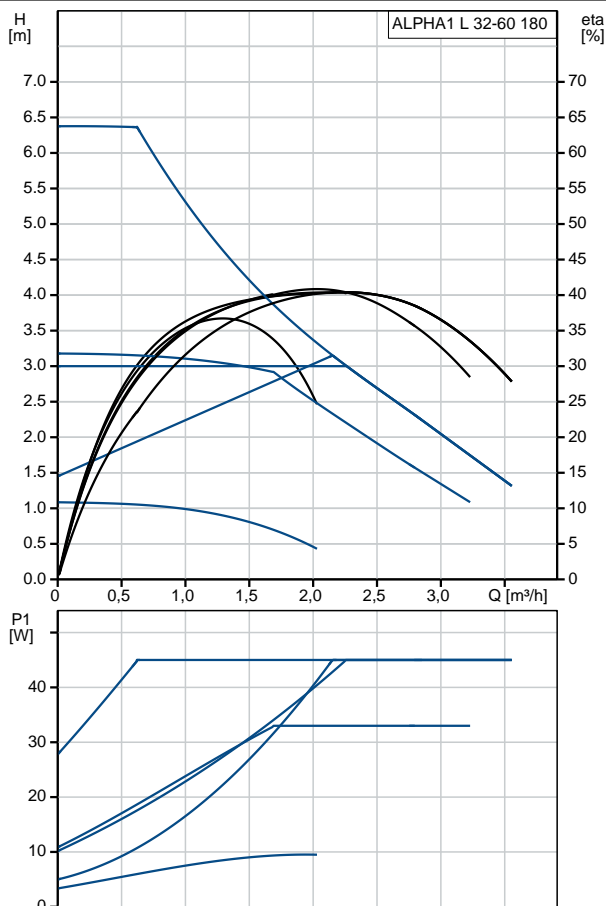
Materijali:

Kol.	Opis
	Ku ište pumpe: Liveno gvož e EN 1561 EN-GJL-150 ASTM A48-150B
	Rotor: Kompozitni/PES 30 % GF
	Ugradnja:
	Opseg temperature okruženja: 273 .. 328 K
	Maksimalni radni pritisak: 1000 kPa
	Spajanje pumpe: G 2
	Nazivni pritisak: PN 10
	Dužina ugra ivanja: 180 mm
	Elektri ni podaci:
	Potrebna snaga - P1: 4 .. 45 W
	Frekvencija struje: 50 / 60 Hz
	Potrebni napon: 1 x 230 V
	Maksimalna strujna potrošnja: 0.05 .. 0.42 A
	Klasa zaštite (IEC 34-5): X4D
	Klasa izolacije (IEC 85): F
	Ostali:
	Energy (EEI): 0.20
	Neto masa: 2.23 kg
	Bruto masa: 2.33 kg
	Transportna zapremina: 0.004 m ³
	Country of origin: DK
	Custom tariff no.: 84137030

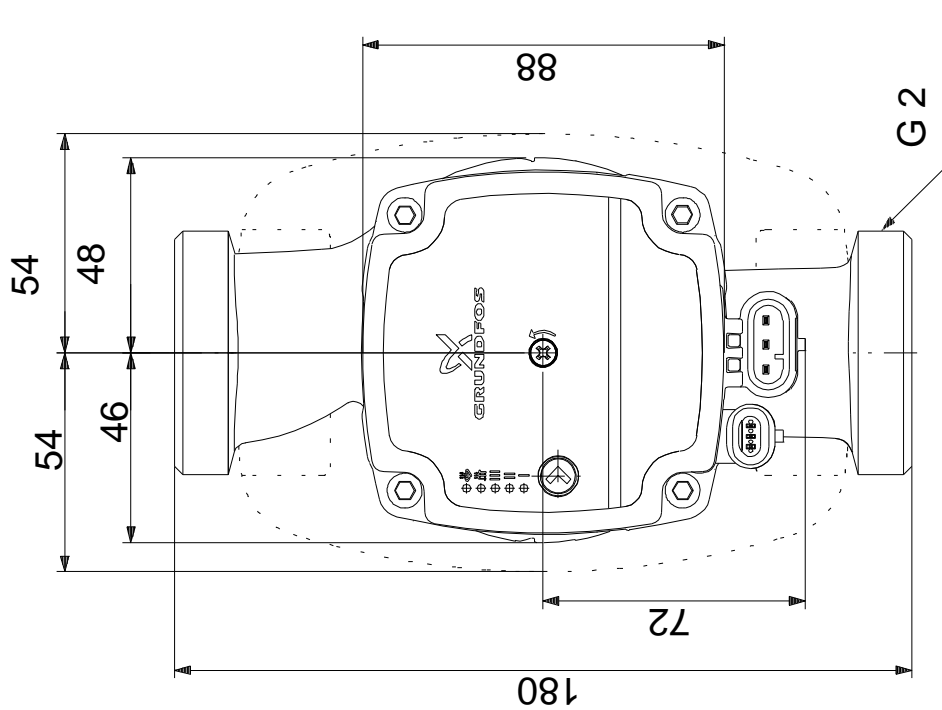
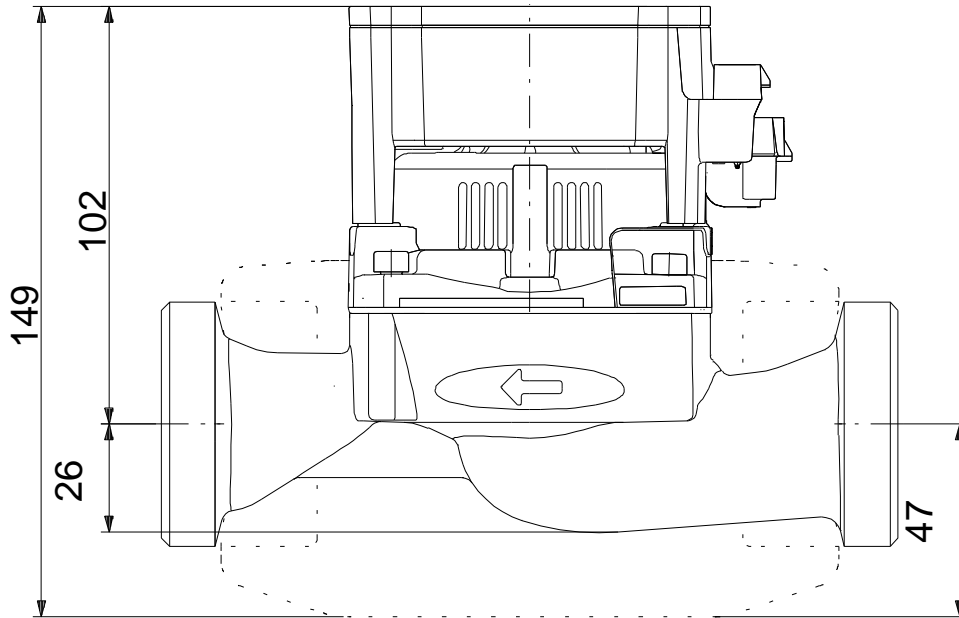
99160590 ALPHA1 L 32-60 180



Opis	Vrednost
Opšte informacije:	
Ime proizvoda::	ALPHA1 L 32-60 180
Šifra proizvoda:	99160590
EAN broj::	5712607862879
	5712607862879
Cena:	161,54 €
Tehni ki:	
Visina max.:	6 m
TF klasa:	95
Saglasnosti na natpisnoj plo ici:	CE,VDE,EAC
Model:	C
Materijali:	
Ku ište pumpe:	Liveo gvoŝ e EN 1561 EN-GJL-150 ASTM A48-150B
Rotor:	Kompozitni/PES 30 % GF
Ugradnja:	
Opseg temperature okruŝenja:	273 .. 328 K
Maksimalni radni pritisak:	1000 kPa
Spajanje pumpe:	G 2
Nazivni pritisak:	PN 10
Duŝina ugra ivanja:	180 mm
Te nost:	
Dizana te nost:	voda
Raspon temperature te nosti:	275 .. 368 K
Selected liquid temperature:	333 K
Gustina:	983.2 kg/m ³
Elektri ni podaci:	
Potrebna snaga - P1:	4 .. 45 W
Frekvencija struje:	50 / 60 Hz
Potrebni napon:	1 x 230 V
Maksimalna strujna potroŝnja:	0.05 .. 0.42 A
Klasa zaŝtite (IEC 34-5):	X4D
Klasa izolacije (IEC 85):	F
Zaŝtita motora:	BEZ ZAŝTITE
Termi ka zaŝtita:	ELEC
Kontrol e:	
Poloŝaj priklj. kutije:	6H
Ostali:	
Energy (EEI):	0.20
Neto masa:	2.23 kg
Bruto masa:	2.33 kg
Transportna zapremina:	0.004 m ³
Country of origin:	DK
Custom tariff no.:	84137030

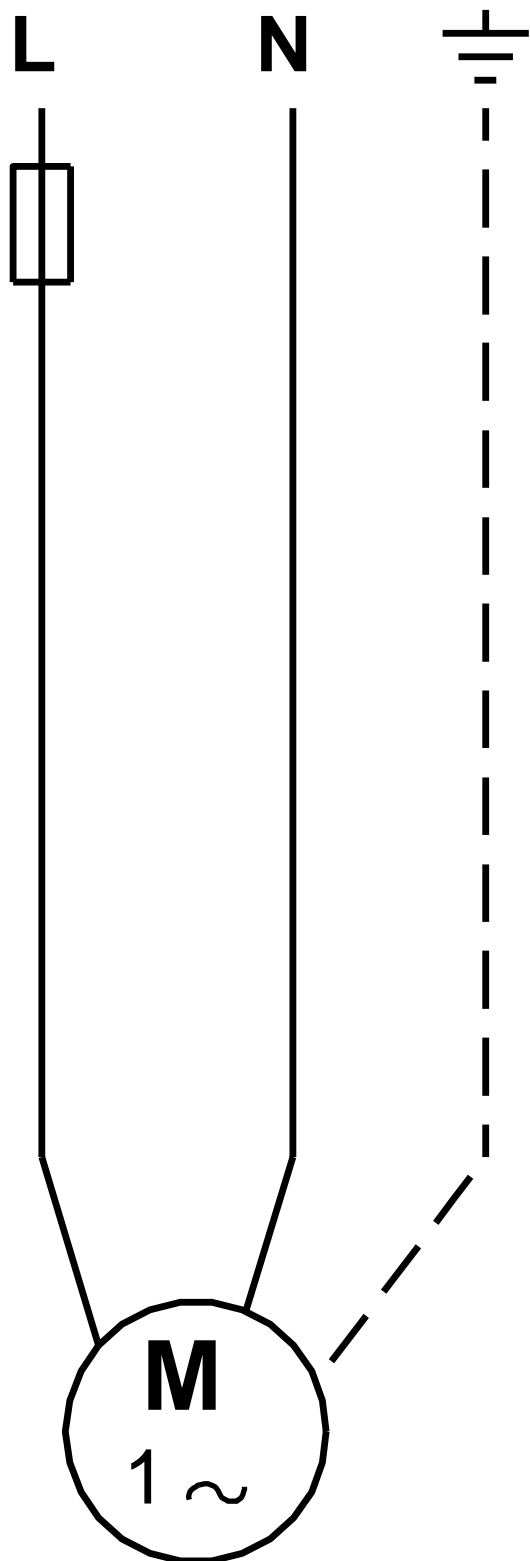


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Napomena! Sve jedinice su u [mm]ukoliko druga ije nije navedeno.
Upozorenje: Ovaj pojednostavljeni dimenzioni crtež ne pokazuje sve detalje.

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