

Q.tà Descrizione

1 ALPHA2 25-60 180



Attenzione: le foto e i disegni sono solo indicativi

Codice prodotto: [99411175](#)

High efficiency canned-rotor circulator, designed for circulating liquids in domestic heating systems. With a world-class energy efficiency index (EEI) well below the ErP benchmark it ensures substantial energy savings.

Features

- AUTOADAPT which provides the ultimate comfort levels with the lowest possible energy consumption and makes the commissioning safe and easy
 - Night-setback function which saves energy
 - Manual Summer mode saves energy during summertime and ensure safe start in the heating season
 - Intuitive one-button operation makes selection of any control mode simple
 - No external motor protection required reducing installation time
 - High-torque start improves startup under harsh conditions
 - Maintenance free due to canned-rotor design and use of robust components
 - ALPHA plug makes electrical installation quick and easy
 - Insulating shells are supplied with pumps to minimize heat loss in heating systems
- Hydronic balancing by temporary use of the ALPHA Reader and the Grundfos GO Balance App enables the installer to perform fast and easy hydronic balancing

When using the ALPHA2 with two other components the ALPHA Reader and the Grundfos GO Balance app, it enables the installers to perform fast and easy hydronic balancing - without compromising on reliability, efficiency and easy installation.

The AUTOADAPT function continuously adjusts the pump performance to the actual heat demand, i.e. the size of the system and the changing heat demand during the year. The function will find the setting that provides optimal comfort with minimal energy consumption. It contributes to fast, safe and easy commissioning.

In addition, the pump also features three control modes - each with three settings

- proportional-pressure control
- constant-pressure control
- constant-curve mode

The display shows the actual power consumption in Watts or actual flow in m³/h as well as alarms and warnings. LEDs indicate the actual operating status.

The night-setback function, when enabled automatically reduces the motor speed to save energy. The changeover depends on a change in the flow-pipe temperature.

Manual summer mode; once enabled, the pump is automatically started frequently at low speed to avoid blocking the rotor. At the same time, it saves energy.

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The pump is of the canned-rotor type, which means that the pump and motor form an integral unit. The bearings are lubricated by the pumped liquid ensuring maintenance-free operation. The pump features dry-running protection.

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.

The pump is self-venting through the system, which contributes to easy commissioning. The compact design featuring pump head with integrated control box and control panel fits into most common installations.

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

The motor is a synchronous permanent-magnet/compact-stator motor characterized by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.

Liquido:

Liquido pompato: Acqua
Gamma temperatura del liquido: 2 .. 110 °C
Temperatura del liquido durante il funzionamento: 60 °C
Densità: 983.2 kg/m³

Tecnico:

Classe TF: 110
Approvazioni sulla targhetta: VDE,CE,EAC

Materiali:

Corpo pompa: Ghisa
EN-GJL-150
ASTM A48-150B
Girante: PES 30%GF

Installazione:

Limite temperatura ambiente: 0 .. 40 °C
Max pressione di funzionamento: 10 bar
Attacco tubazione: G 1 1/2
Pressione d'esercizio: PN 10
Interasse: 180 mm

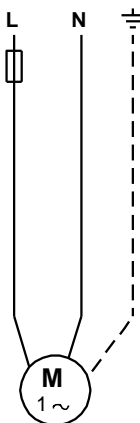
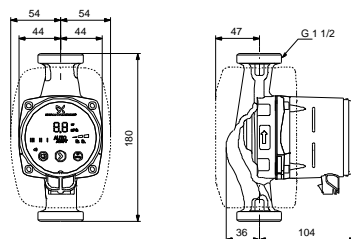
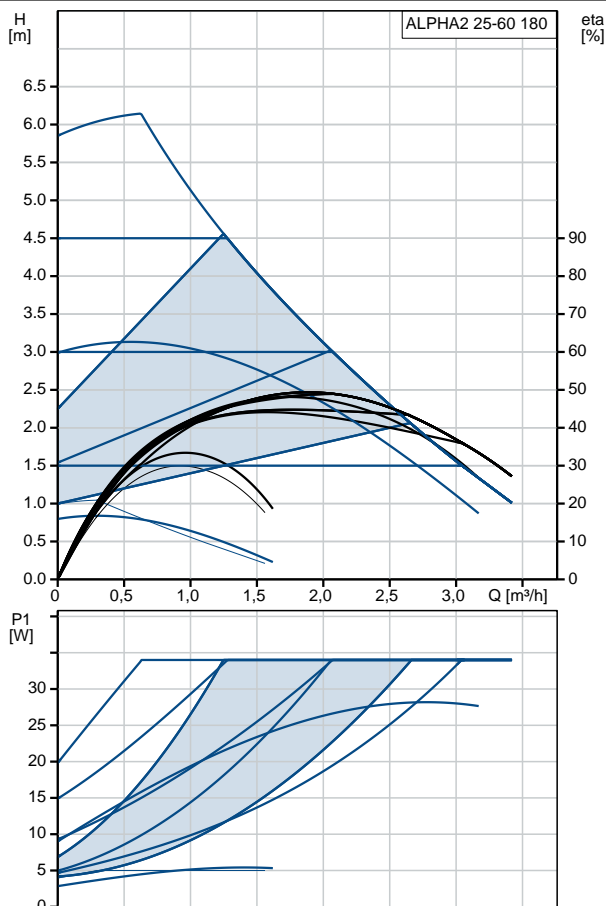
Dati elettrici:

Ingr. pot. - P1: 3 .. 34 W
Frequenza di rete: 50 / 60 Hz
Tensione nominale: 1 x 230 V
Consumo massimo di corrente: 0.04 .. 0.32 A
Classe di protezione (IEC 34-5): X4D
Classe di isolamento (IEC 85): F

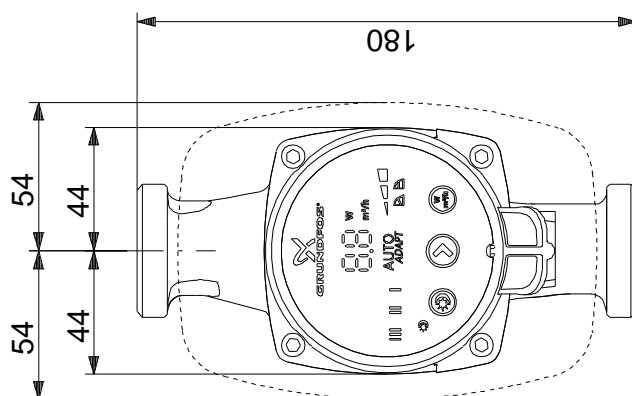
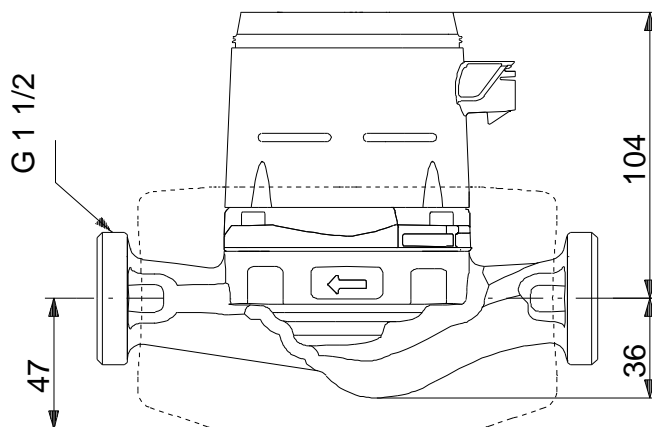
Altri:

Energy (EEI): 0.17
Peso netto: 1.98 kg
Peso lordo: 2.15 kg
Volume imballo: 0.004 m³
N. VVS danese: 380473260
N. RSK svedese: 5758780
Finlandese: 4615340
N. NRF norvegese: 9043152
Nazione di origine: DK
Tariffa convenzione n.: 84137030

Descrizione	Valore
Informazioni generali:	
Nome prodotto:	ALPHA2 25-60 180
Codice prod.:	99411175
Codice EAN:	5713828675248
	5713828675248
Tecnico:	
Testata max:	60 dm
Classe TF:	110
Approvazioni sulla targhetta:	VDE,CE,EAC
Modello:	E
Materiali:	
Corpo pompa:	Ghisa
	EN-GJL-150
	ASTM A48-150B
Girante:	PES 30%GF
Installazione:	
Limite temperatura ambiente:	0 .. 40 °C
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Classe di isolamento (IEC 85):	F
Protez. motore:	NESSUNO
Protezione termica:	ELEC
Controlli:	
Notturmo automatico:	funzionamento in consumo notturno ridotto, incluso
Pos. scatola di controllo:	6H
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Nota, tutte le misure sono in mm se non diversamente specificato. Attenzione: il disegno dimensionale semplificato non mostra tutti i dettagli.