

Daudzums | Apraksts

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ALPHA2 32-60 180



Piez me. Produkta att Is var atš irties no faktisk produkta izskata.

Produkta Nr.: [99411221](#)

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.

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.

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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.

Š idrums:

S kn jamais š idrums: dens
Š idruma temperat ras diapazons: 2 .. 110 °C
izv l t š idruma temperat ra: 60 °C
Bl vums pie izv l t s š idruma temperat ras: 983.2 kg/m³

Tehn.:

TF klase: 110
Apstiprin jumi pases datu pl ksn t : VDE,CE,EAC

Materi li:

S k a korpuss: uguns
EN-GJL-150
ASTM A48-150B
Darbrats: PES 30 %GF

Uzst d šana:

Apk rt j s vides temperat ras diapazons: 0 .. 40 °C
Maksim lais darba spiediens: 10 b ri
Cauru u savienojums: G 2
Spiediena pak pe: PN 10
Garums no viena pievienojuma l dz otram: 180 mm

Elektriskie dati:

Ieejas jauda - P1: 3 .. 34 W
T kla frekvence: 50 Hz
Nomin lais spriegums: 1 x 230 V
Maksim lais str vas pat ri š: 0.04 .. 0.32 A
Korpusa klase (IEC 34-5): X4D
Izol cijas klase (IEC 85): F

Citi:

Ener ija (EEI): 0.17
Neto svars: 2.14 kg
Bruto svars: 2.3 kg
Pieg des apjoms: 0.004 m³
Danish VVS No.: 380473360
Swedish RSK No.: 5758783
Finnish LVI No.: 4615343

Apraksts	Vērtība
Vispārīgā informācija:	
Produkta nosaukums:	ALPHA2 32-60 180
Produkta Nr.:	99411221
EAN numurs:	5713828675972
	5713828675972
Cena:	354,10 EUR
Tehniskie dati:	
Maksimālais spiedienaugstums:	60 dm
TF klase:	110
Apstiprinājumi pasēs datu plūsmas tīklā:	VDE,CE,EAC
Modelis:	E
Materiāli:	
Skapa korpusa:	uguns
	EN-GJL-150
	ASTM A48-150B
Darbrats:	PES 30 %GF
Uzstādīšana:	
Apkārtojuma darba temperatūras diapazons:	0 .. 40 °C
Maksimālais darba spiediens:	10 bari
Cauru savienojums:	G 2
Spiediena pakāpe:	PN 10
Garums no viena pievienojuma līdz otram:	180 mm
Šķidrums:	
Skaidrums šķidrums:	dens
Šķidruma temperatūras diapazons:	2 .. 110 °C
Izvēlētā šķidruma temperatūra:	60 °C
Blīvums pie izvēlētās šķidruma temperatūras:	983.2 kg/m³
Elektriskie dati:	
Īpašā jauda - P1:	3 .. 34 W
Tīkla frekvence:	50 Hz
Nominālais spriegums:	1 x 230 V
Maksimālais strāvas patēriņš:	0.04 .. 0.32 A
Korpuse klase (IEC 34-5):	X4D
Izolācijas klase (IEC 85):	F
Motora aizsardzība:	NAV
Termiskā aizsardzība:	ELEC
Kontrole:	
Automātiskais nakts režīms:	integrēts automātiskais nakts laika režīms
Pozīcijas pieslēguma:	6H
Citi:	
Enerģija (EEI):	0.17
Neto svars:	2.14 kg
Bruto svars:	2.3 kg
Piegādes apjoms:	0.004 m³
Danish VVS No.:	380473360
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