

**Daudzums** | **Apraksts**

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**ALPHA1 25-80 180**



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

Produkta Nr.: [99199577](#)

High-efficiency circulators, designed for circulating liquids in heating systems.

With an energy efficiency index (EEI) at the ErP benchmark for most efficient circulators it contributes to energy savings.

The ideal choice for basic functionality needs.

**Features**

- 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 and noiseless due to canned-rotor design and use of robust components
- ALPHA plug makes electrical installation quick, safe and easy
- Insulating shells are supplied with pumps to minimize heat loss in heating systems

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. LEDs indicate the actual operating status.

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.

**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/m<sup>3</sup>

**Tehn.:**

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

**Materi li:**

S k a korpuss: uguns  
 EN 1561 EN-GJL-150  
 ASTM A48M-150B  
 Darbrats: PES

**Uzst d šana:**

Apk rt j s vides temperat ras diapazons: 0 .. 40 °C  
 Maksim lais darba spiediens: 10 b ri

## Daudzums | Apraksts

Cauru u savienojums: G 1 1/2  
Spiediena pak pe: PN 10  
Garums no viena pievienojuma l dz otram: 180 mm

### Elektriskie dati:

Ieejas jauda - P1: 3 .. 50 W  
T kla frekvence: 50 / 60 Hz  
Nomin lais spriegums: 1 x 230 V  
Maksim lais str vas pat ri š: 0.04 .. 0.44 A  
Korpusa klase (IEC 34-5): X4D  
Izol cijas klase (IEC 85): F

### Citi:

Ener ija (EEI): 0.20  
Neto svars: 1.98 kg  
Bruto svars: 2.11 kg  
Pieg des apjoms: 0.004 m<sup>3</sup>  
Swedish RSK No.: 5758806  
Finnish LVI No.: 4615328  
Norwegian NRF no.: 9043124

**Apraksts** **Vērtība**

**Vispārīgā informācija:**  
 Produkta nosaukums: ALPHA1 25-80 180  
 Produkta Nr.: 99199577  
 EAN numurs: 5712608550171  
 5712608550171

**Tehniskie dati:**  
 Maksimālais spiedienaugstums: 80 dm  
 TF klase: 110  
 Apstiprinājumi pasēdaturplaksnītā: CE, VDE  
 Modelis: B

**Materiāli:**  
 Skaņķorpuss: uguns  
 EN 1561 EN-GJL-150  
 ASTM A48M-150B  
 Darbrats: PES

**Uzstādīšana:**  
 Apkārtojuma vidējais temperatūras diapazons: 0 .. 40 °C  
 Maksimālais darba spiediens: 10 bari  
 Cauru savienojums: G 1 1/2  
 Spiediena pakāpe: PN 10  
 Garums no viena pievienojuma līdz otram: 180 mm

**Šķidrums:**  
 Skaņķorpusa šķidrums: dens  
 Šķidruma temperatūras diapazons: 2 .. 110 °C  
 Izvilkuma šķidruma temperatūra: 60 °C  
 Blīvums pie izvilkuma šķidruma temperatūras: 983.2 kg/m³

**Elektriskie dati:**  
 Ieļļas jauda - P1: 3 .. 50 W  
 Tīkla frekvence: 50 / 60 Hz  
 Nominālais spriegums: 1 x 230 V  
 Maksimālais strāvas patēriņš: 0.04 .. 0.44 A  
 Korpusa klase (IEC 34-5): X4D  
 Izolācijas klase (IEC 85): F  
 Motora aizsardzība: NAV  
 Termiskā aizsardzība: ELEC

**Kontrole:**  
 Automātiskais nakts režīms: N  
 Pozīcijas pieslēguma: 6H

**Citi:**  
 Enerģija (EEL): 0.20  
 Neto svars: 1.98 kg  
 Bruto svars: 2.11 kg  
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