

| Count | Description |
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| 1 | MAGNA1 32-100 F |
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Product No.: [98126823](#)

The Grundfos MAGNA1 circulator pump is the simple option for a job well done.

With its high energy efficiency the product lives up to the EuP 2015 regulations ensuring substantial savings on electricity, and with its intuitive, user-friendly interface and maintenance-free design, MAGNA1 is the ideal circulator pump for applications with basic performance needs.

The pump is maintenance-free due to the canned-rotor type design.

MAGNA1 can work as main pump in both heating and cooling applications, including:

- Mixing loops
- Heating surfaces
- Air-conditioning surfaces
- Ground-source heat pump systems
- Smaller chiller applications.

MAGNA1 is a single-phase pump and characterized by having the controller and operating panel integrated in the control box.

The pump housing is available in both cast-iron and stainless-steel versions.

The composite rotor can is carbon-fiber reinforced, the bearing plate and rotor cladding are made of stainless steel and the stator housing is made of aluminum.

The power electronics are air-cooled.

The pump incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterized by higher efficiency than a conventional asynchronous squirrel-cage motor. The pump speed is controlled by an integrated frequency converter.

| Description | Value |
|-------------------------------|-----------------|
| General information: | |
| Product name: | MAGNA1 32-100 F |
| Product No.: | 98126823 |
| EAN: | 5710629499851 |
| Technical: | |
| Head max: | 32.81 ft |
| TF class: | 110 |
| Approvals: | cETLus |
| Model: | B |
| Materials: | |
| Pump housing: | Cast iron |
| Pump housing: | EN-GJL-250 |
| Pump housing: | ASTM A48-250B |
| Impeller: | PES 30%GF |
| Installation: | |
| Range of ambient temperature: | 32 .. 104 °F |
| Maximum operating pressure: | 174.05 psi |
| Flange standard: | GF |
| Pipe connection: | GF15/26/40/43 |
| Pressure stage: | PN12 |
| Port-to-port length: | 6 1/2 in |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | 14 .. 230 °F |
| Selected liquid temperature: | 140 °F |
| Density: | 61.35 lb/ft³ |
| Electrical data: | |
| Power input - P1: | 8.62 .. 178 W |
| Main frequency: | 60 Hz |
| Rated voltage: | 1 x 115-230 V |
| Maximum current consumption: | 0.28 .. 1.61 A |
| Enclosure class (IEC 34-5): | X4D |
| Insulation class (IEC 85): | F |

| | |
|--------------------|--------------|
| Others: | |
| Energy (EEI): | 0.19 |
| Net weight: | 12.1 lb |
| Gross weight: | 14.3 lb |
| Shipping volume: | 0.35 ft³ |
| Country of origin: | US |
| Custom tariff no.: | 8413.70.2005 |

