

Qty. Description

1 **MAGNA1 100-100 F**



Note! Product picture may differ from actual product

Product No.: [99221441](#)

The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circulators and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The ideal choice for basic performance needs in applications where basic system control and monitoring is desired.

- Monitoring via the fault relay, ensuring peace of mind
- Digital start/stop input available for remote pump control
- Continuous operation and reduced downtime with the wireless twin pump function (available on twin-head pumps)
- High energy efficiency resulting in substantial savings on electricity
- Easy setup and operation via the simple user interface
- No maintenance due to the canned-rotor type design.

MAGNA1 is the simple and efficient choice for most applications including

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

Liquid:

Pumped liquid: Water
 Liquid temperature range: -10 .. 110 °C
 Selected liquid temperature: 60 °C
 Density: 983.2 kg/m³

Technical:

TF class: 110
 Approvals on nameplate: CE,VDE,EAC,CN ROHS,WEEE

Materials:

Pump housing: Cast iron
 EN-GJL-250
 ASTM A48-250B
 Impeller: PES 30%GF

Installation:

Range of ambient temperature: 0 .. 40 °C
 Maximum operating pressure: 6 bar
 Flange standard: DIN
 Pipe connection: DN 100
 Pressure rating: PN6
 Port-to-port length: 450 mm



Company name:

Created by:

Phone:

Date:

17/04/2020

| Qty. | Description |
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Electrical data:

Power input - P1: 31.31 .. 1413 W

Mains frequency: 50 / 60 Hz

Rated voltage: 1 x 230 V

Maximum current consumption: 0.32 .. 6.23 A

Enclosure class (IEC 34-5): X4D

Insulation class (IEC 85): F

Others:

Energy (EEI): 0.19

Net weight: 34 kg

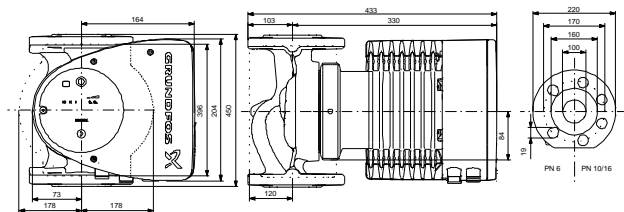
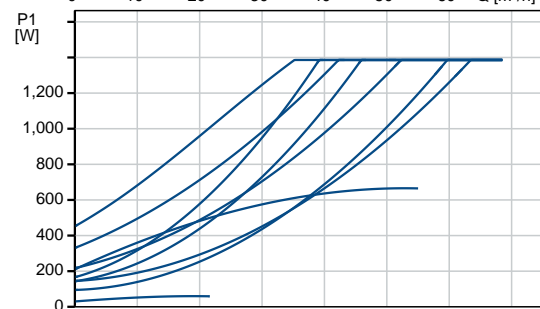
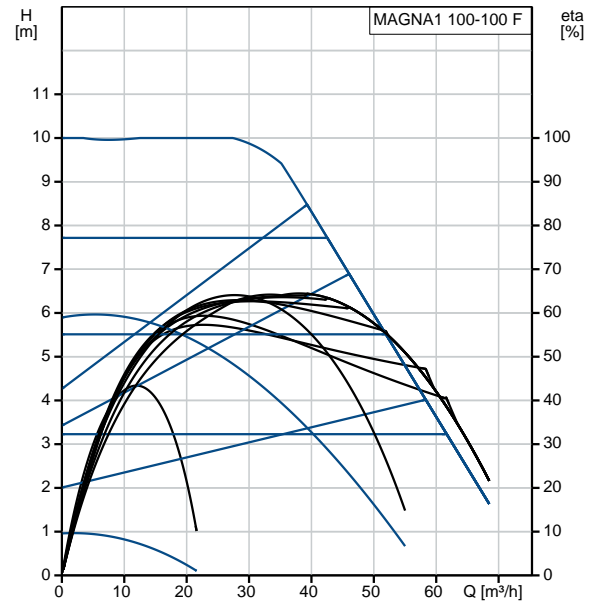
Gross weight: 36.7 kg

Shipping volume: 0.097 m³

Country of origin: DE

Custom tariff no.: 84137030

| Description | Value |
|-------------------------------|-----------------------------|
| General information: | |
| Product name: | MAGNA1 100-100 F |
| Product No: | 99221441 |
| EAN number: | 5712608944130 |
| | 5712608944130 |
| Price: | 2.962,00 EUR |
| Technical: | |
| Head max: | 100 dm |
| TF class: | 110 |
| Approvals on nameplate: | CE, VDE, EAC, CN ROHS, WEEE |
| Model: | C |
| Materials: | |
| Pump housing: | Cast iron |
| | EN-GJL-250 |
| | ASTM A48-250B |
| Impeller: | PES 30%GF |
| Installation: | |
| Range of ambient temperature: | 0 .. 40 °C |
| Maximum operating pressure: | 6 bar |
| Flange standard: | DIN |
| Pipe connection: | DN 100 |
| Pressure rating: | PN6 |
| Port-to-port length: | 450 mm |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | -10 .. 110 °C |
| Selected liquid temperature: | 60 °C |
| Density: | 983.2 kg/m ³ |
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| Power input - P1: | 31.31 .. 1413 W |
| Mains frequency: | 50 / 60 Hz |
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| Enclosure class (IEC 34-5): | X4D |
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| Others: | |
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Example of mains-connected motor with mains switch, backup fuse and additional protection

