

Qty. Description

1 **MAGNA1 80-100 F**



Note! Product picture may differ from actual product

Product No.: [99221408](#)

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 80
 Pressure rating: PN6
 Port-to-port length: 360 mm



Company name:

Created by:

Phone:

Date:

17/04/2020

Qty. Description

Electrical data:

Power input - P1: 30.7 .. 1014 W

Mains frequency: 50 / 60 Hz

Rated voltage: 1 x 230 V

Maximum current consumption: 0.31 .. 4.45 A

Enclosure class (IEC 34-5): X4D

Insulation class (IEC 85): F

Others:

Energy (EEI): 0.19

Net weight: 29.2 kg

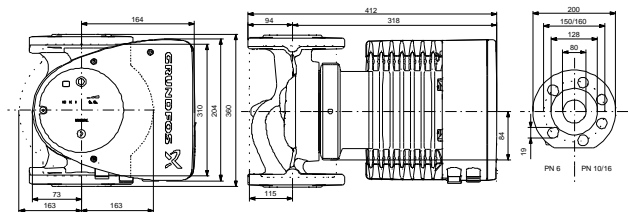
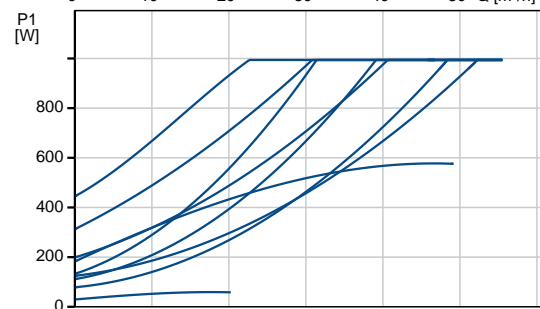
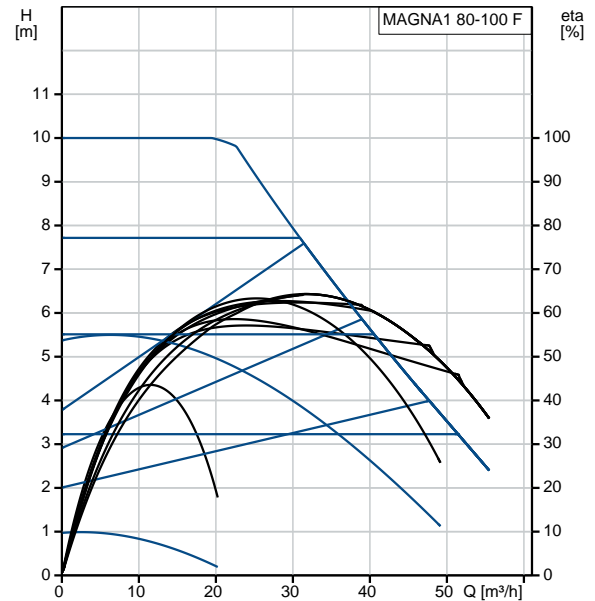
Gross weight: 31.5 kg

Shipping volume: 0.071 m³

Country of origin: DE

Custom tariff no.: 84137030

Description	Value
General information:	
Product name:	MAGNA1 80-100 F
Product No:	99221408
EAN number:	5712608943805
	5712608943805
Price:	2.531,00 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:	
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Maximum operating pressure:	6 bar
Flange standard:	DIN
Pipe connection:	DN 80
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Others:	
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Gross weight:	31.5 kg
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Country of origin:	DE
Custom tariff no.:	84137030



Example of mains-connected motor with mains switch, backup fuse and additional protection

