

**Qty. Description**

1 **MAGNA1 100-60 F**



Note! Product picture may differ from actual product

Product No.: [99221439](#)

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/m<sup>3</sup>

**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

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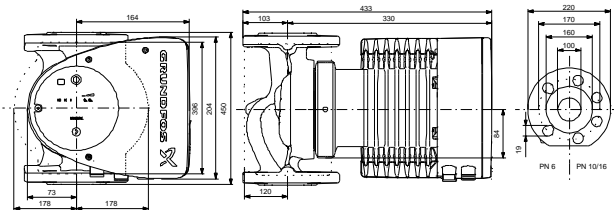
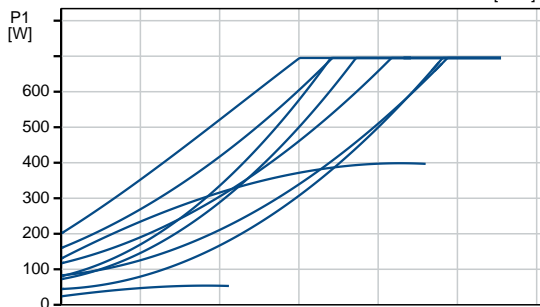
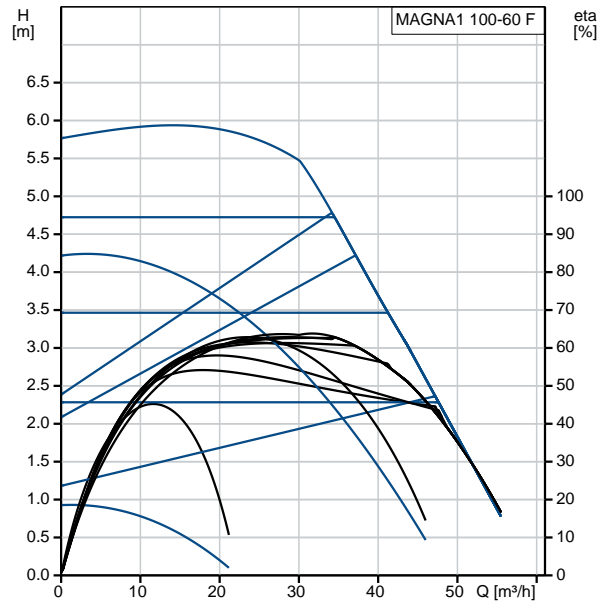
**Electrical data:**

Power input - P1:	25.6 .. 708 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.27 .. 3.13 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 m <sup>3</sup>
Country of origin:	DE
Custom tariff no.:	84137030

Description	Value
<b>General information:</b>	
Product name:	MAGNA1 100-60 F
Product No:	99221439
EAN number:	5712608944116
	5712608944116
Price:	2.509,00 EUR
<b>Technical:</b>	
Head max:	60 dm
TF class:	110
Approvals on nameplate:	CE, VDE, EAC, CN ROHS, WEEE
Model:	C
<b>Materials:</b>	
Pump housing:	Cast iron
	EN-GJL-250
	ASTM A48-250B
Impeller:	PES 30%GF
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Flange standard:	DIN
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Example of mains-connected motor with mains switch, backup fuse and additional protection

