

**Qty. Description**

1 **MAGNA1 D 100-60 F**



**Note! Product picture may differ from actual product**

Product No.: [99221449](#)

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: PN 6  
 Port-to-port length: 450 mm



**Company name:** Anchor Pumps Company Limited

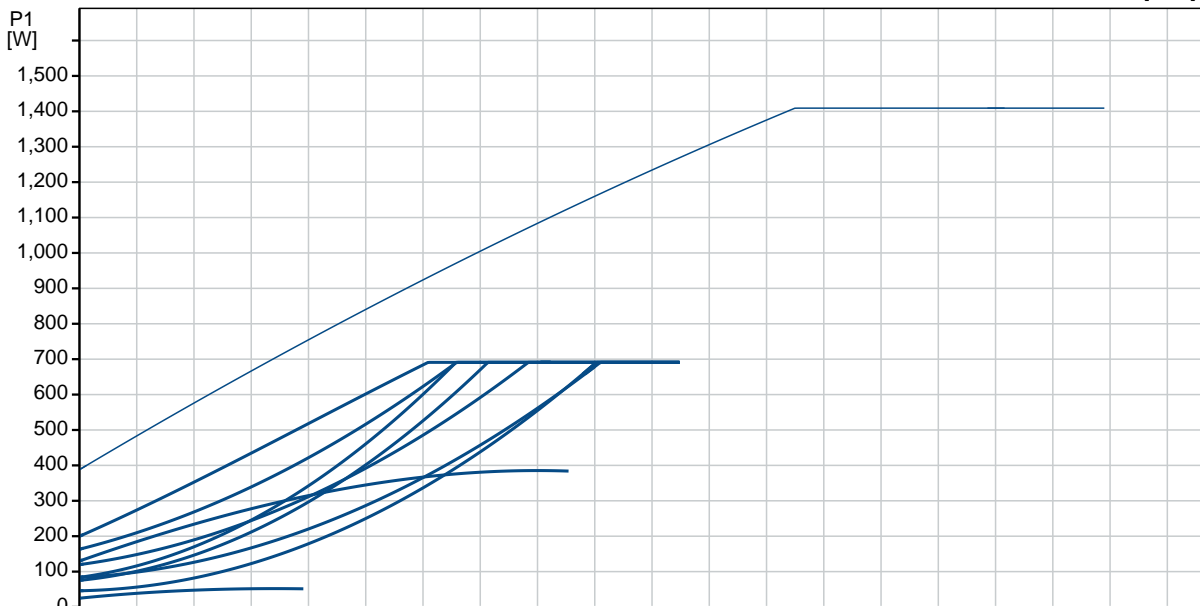
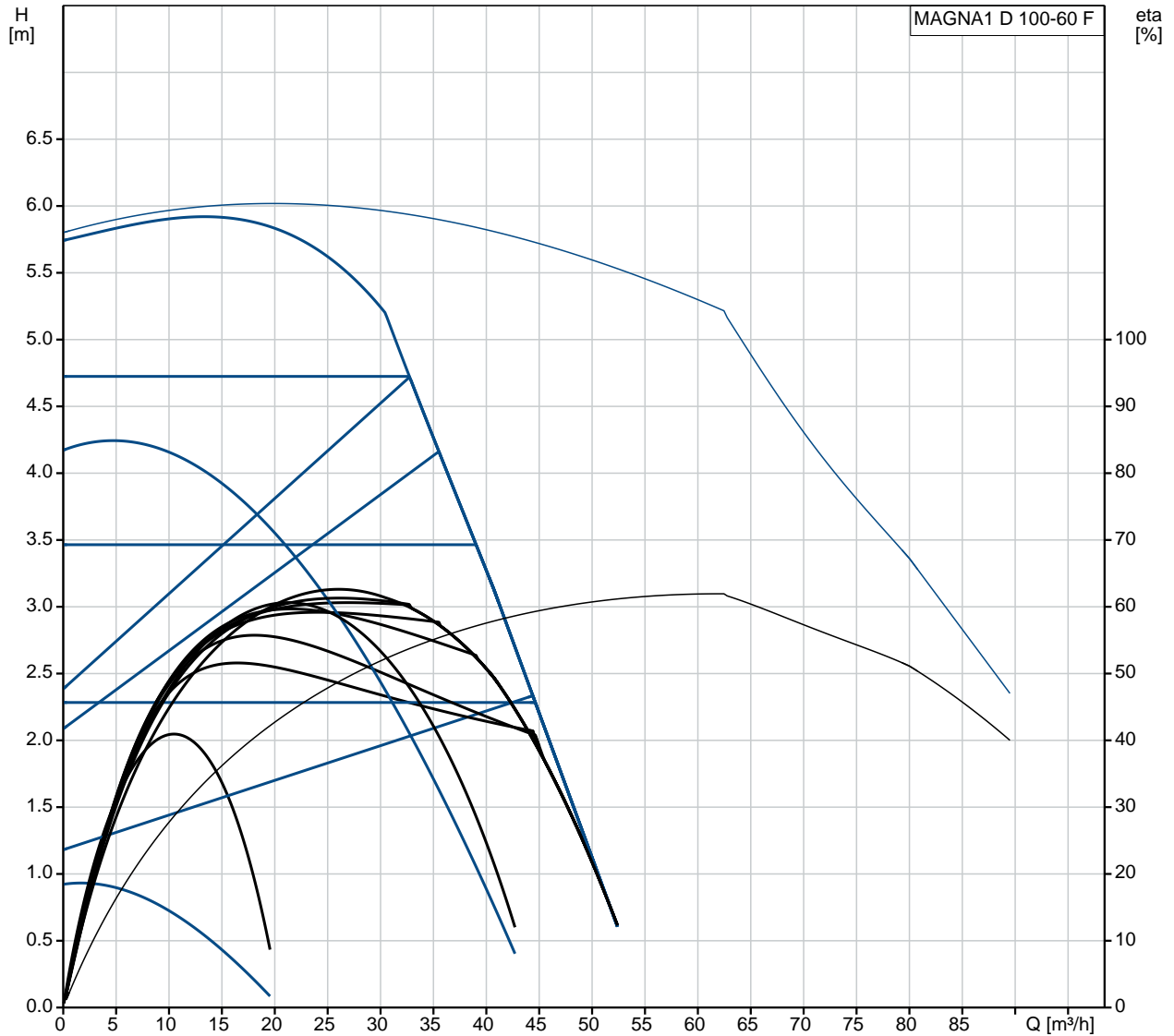
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**Phone:**

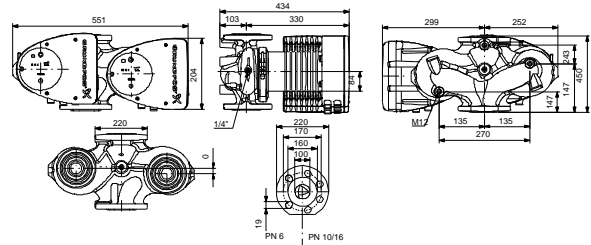
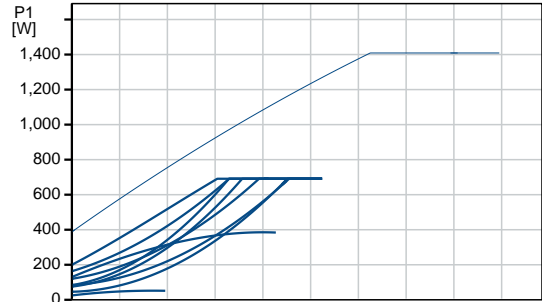
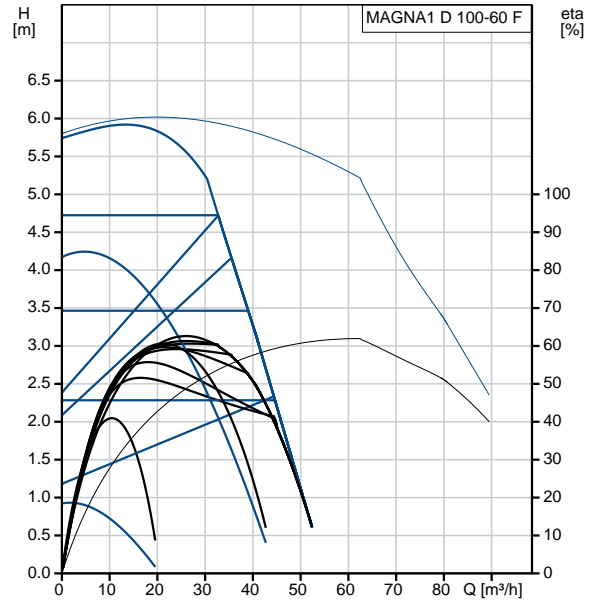
**Date:** 17/11/2020

Qty.	Description
	<p>Electrical data:</p> <p>Power input - P1: 26.11 .. 705 W</p> <p>Mains frequency: 50 / 60 Hz</p> <p>Rated voltage: 1 x 230 V</p> <p>Maximum current consumption: 0.28 .. 3.11 A</p> <p>Enclosure class (IEC 34-5): X4D</p> <p>Insulation class (IEC 85): F</p> <p>Others:</p> <p>Energy (EEI): 0.22</p> <p>Net weight: 60.1 kg</p> <p>Gross weight: 69.8 kg</p> <p>Shipping volume: 0.207 m<sup>3</sup></p> <p>Country of origin: DE</p> <p>Custom tariff no.: 84137030</p>

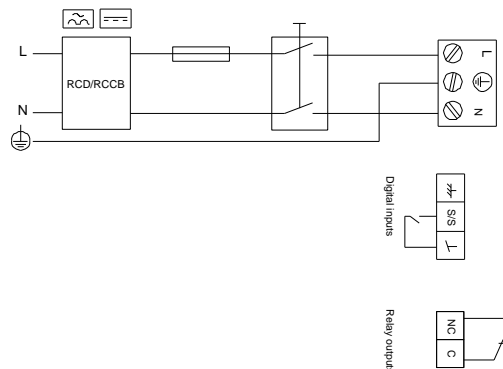
## 99221449 MAGNA1 D 100-60 F



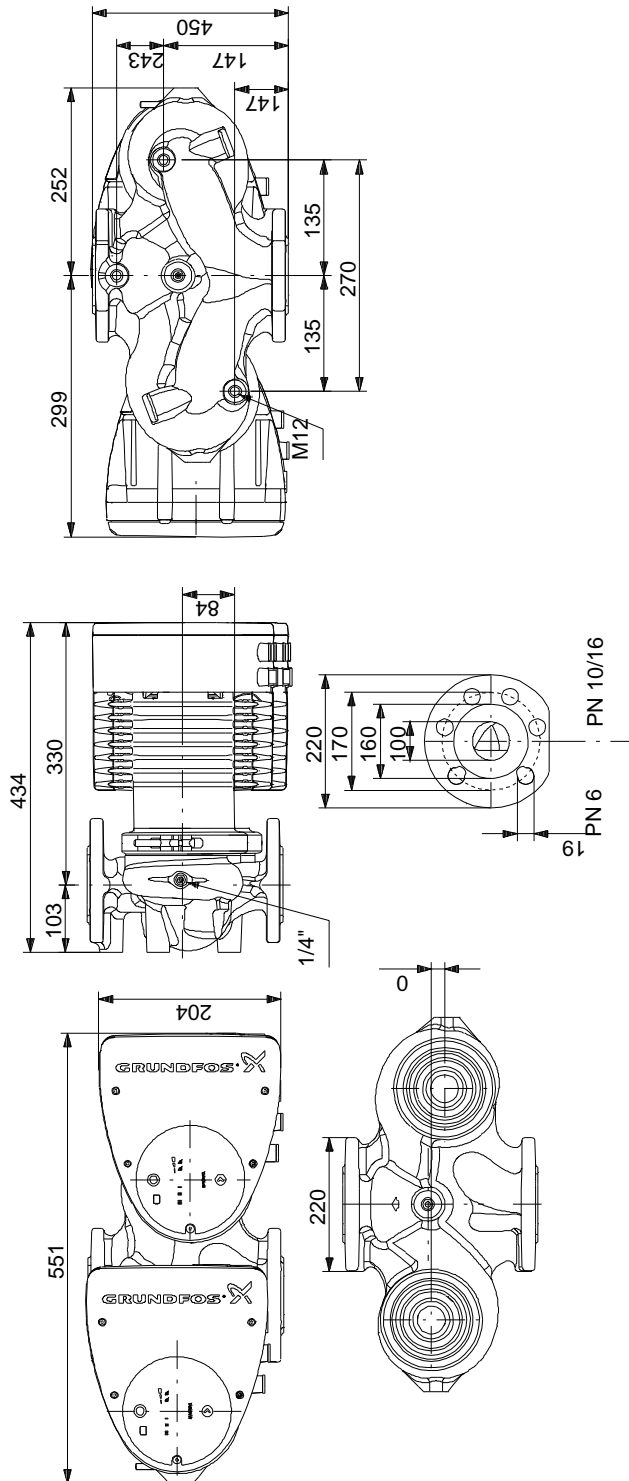
Description	Value
<b>General information:</b>	
Product name:	MAGNA1 D 100-60 F
Product No:	99221449
EAN number:	5712608944215
<b>Technical:</b>	
Head max:	60 dm
TF class:	110
Approvals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE
Model:	C
<b>Materials:</b>	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM A48-250B
Impeller:	PES 30%GF
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	6 bar
Flange standard:	DIN
Pipe connection:	DN 100
Pressure rating:	PN 6
Port-to-port length:	450 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 110 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m³
<b>Electrical data:</b>	
Power input - P1:	26.11 .. 705 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.28 .. 3.11 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
<b>Others:</b>	
Energy (EEI):	0.22
Net weight:	60.1 kg
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Country of origin:	DE
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Example of mains-connected motor with mains switch, backup fuse and additional protection



## 99221449 MAGNA1 D 100-60 F



Note! All units are in [mm] unless others are stated.  
 Disclaimer: This simplified dimensional drawing does not show all details.

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



Note! All units are in [mm] unless others are stated.