

**Qty. Description**

1 **MAGNA1 50-120 F N**



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

Product No.: [99221361](#)

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: Stainless steel  
 EN 1.4308  
 ASTM 351 CF8  
 Impeller: PES 30%GF

**Installation:**

Range of ambient temperature: 0 .. 40 °C  
 Maximum operating pressure: 10 bar  
 Flange standard: DIN  
 Pipe connection: DN 50  
 Pressure rating: PN 6/10  
 Port-to-port length: 280 mm



**Company name:** Anchor Pumps Company Limited

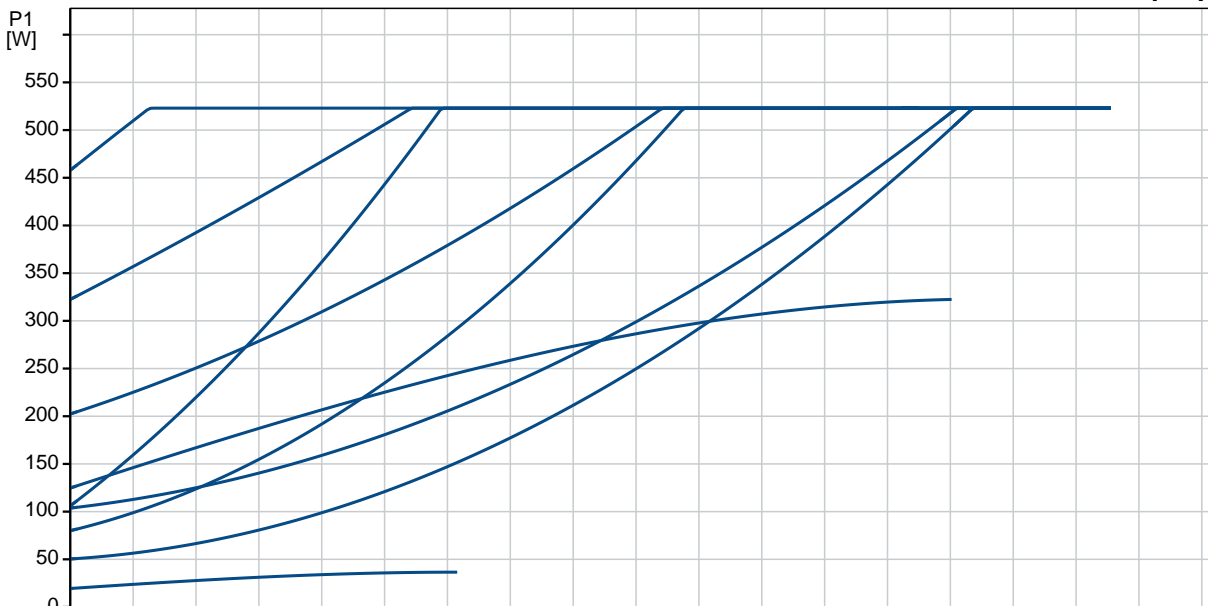
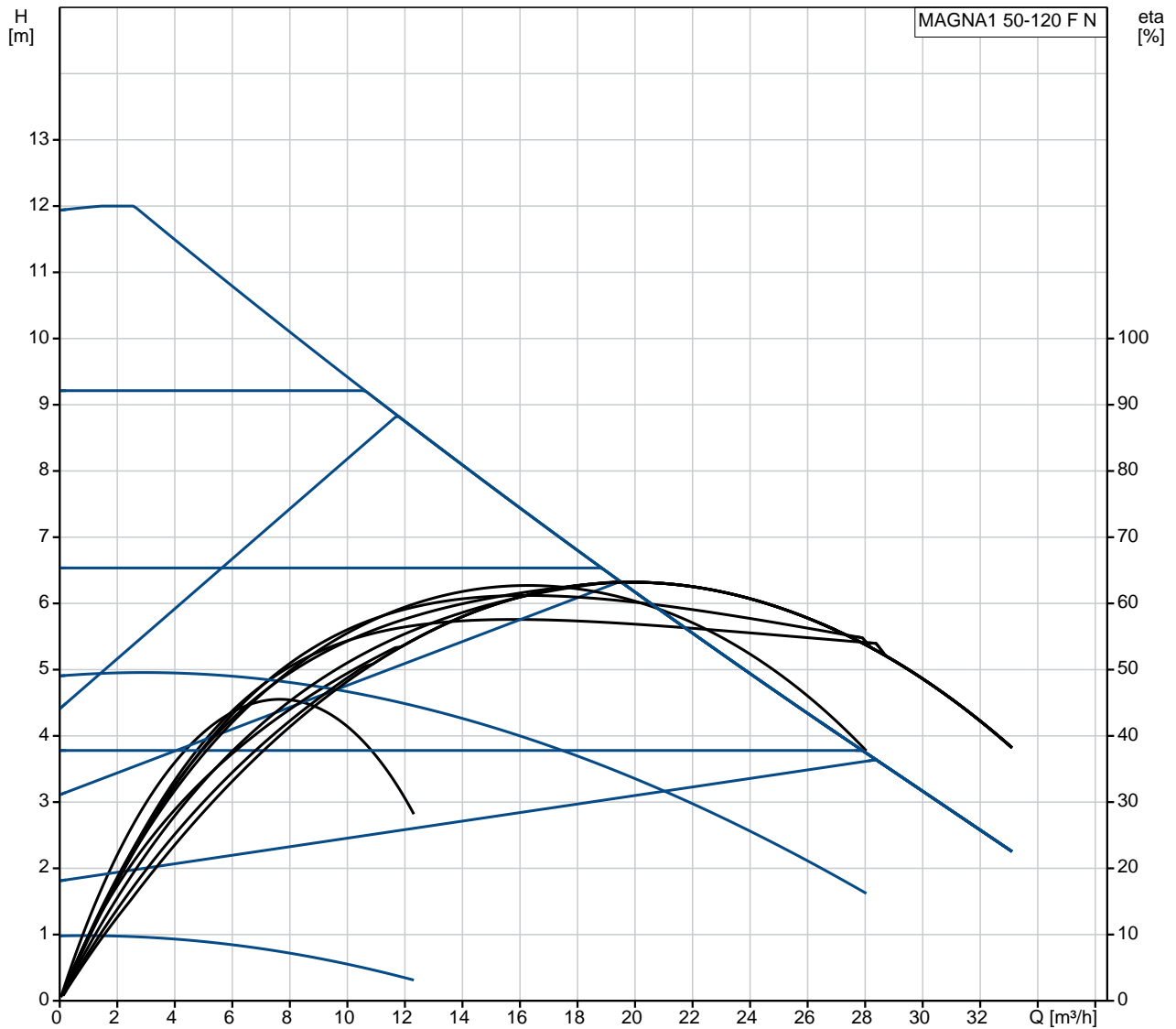
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**Phone:**

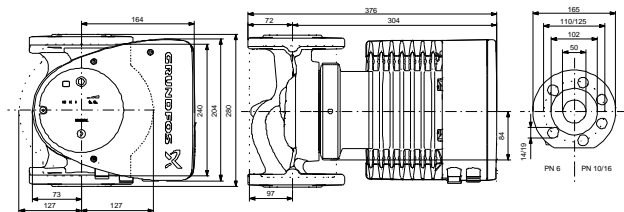
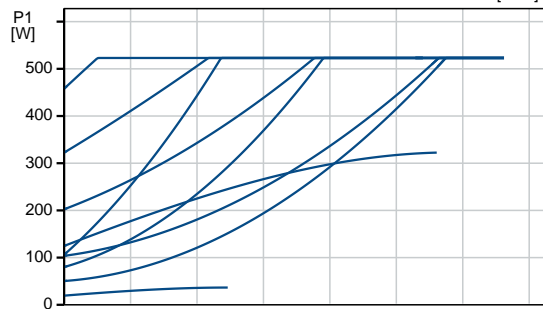
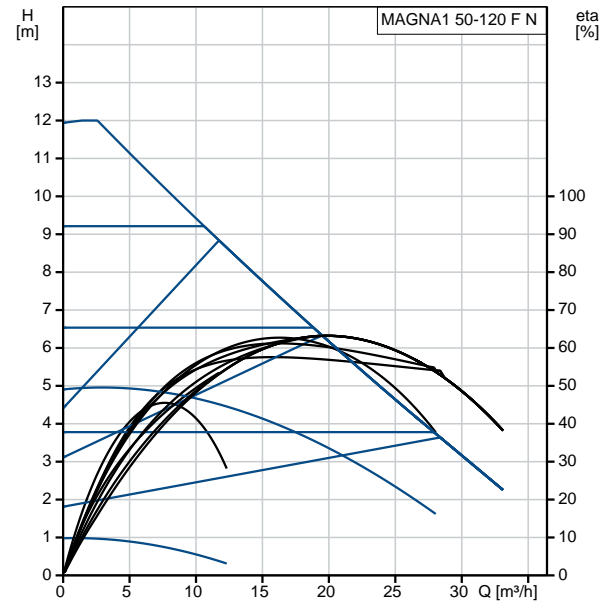
**Date:** 17/11/2020

Qty.	Description																								
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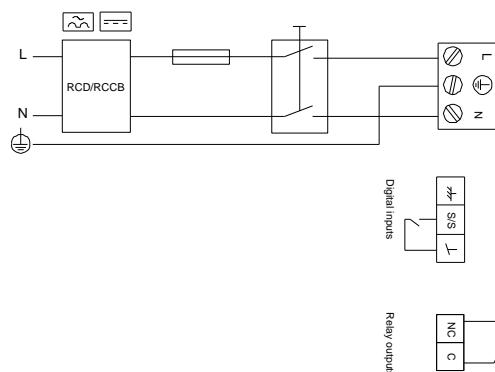
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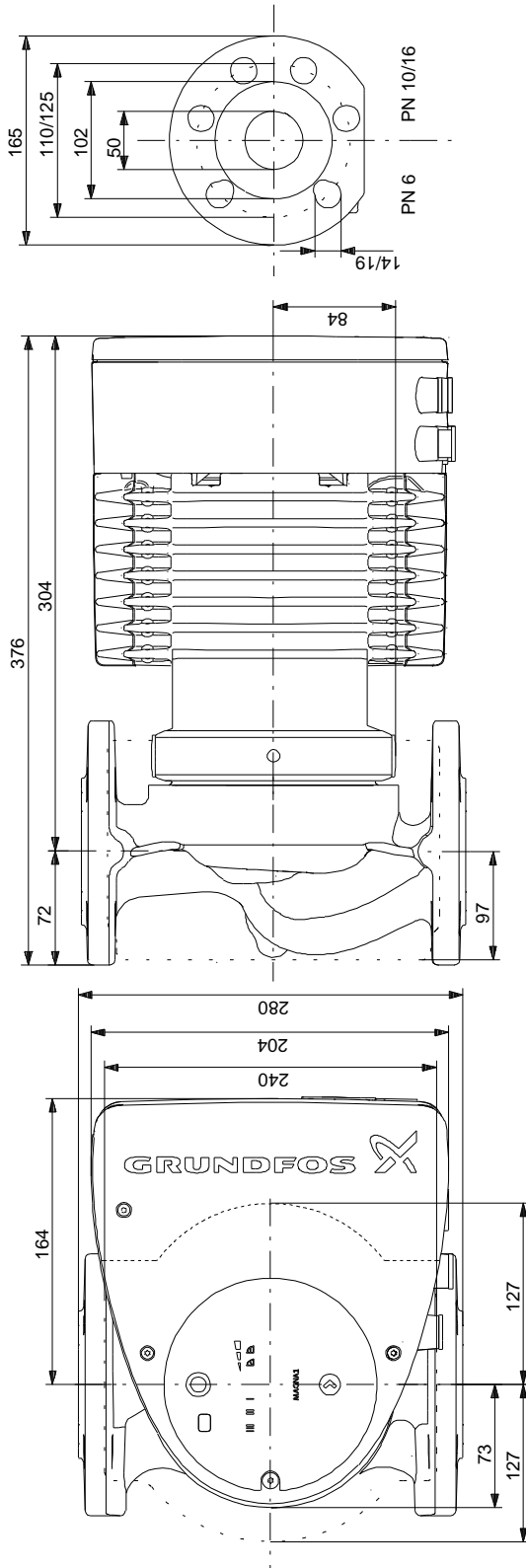
Description	Value
<b>General information:</b>	
Product name:	MAGNA1 50-120 F N
Product No:	99221361
EAN number:	5712608943331
<b>Technical:</b>	
Head max:	120 dm
TF class:	110
Approvals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE
Model:	C
<b>Materials:</b>	
Pump housing:	Stainless steel
Pump housing:	EN 1.4308
Pump housing:	ASTM 351 CF8
Impeller:	PES 30%GF
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 50
Pressure rating:	PN 6/10
Port-to-port length:	280 mm
<b>Liquid:</b>	
Pumped liquid:	Water
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<b>Others:</b>	
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Example of mains-connected motor with mains switch, backup fuse and additional protection



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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



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