

**Qty. Description**

1 **MAGNA1 D 40-40 F**



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

Product No.: [99221293](#)

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: 10 bar  
 Flange standard: DIN  
 Pipe connection: DN 40  
 Pressure rating: PN 6/10  
 Port-to-port length: 220 mm



**Company name:** Anchor Pumps Company Limited

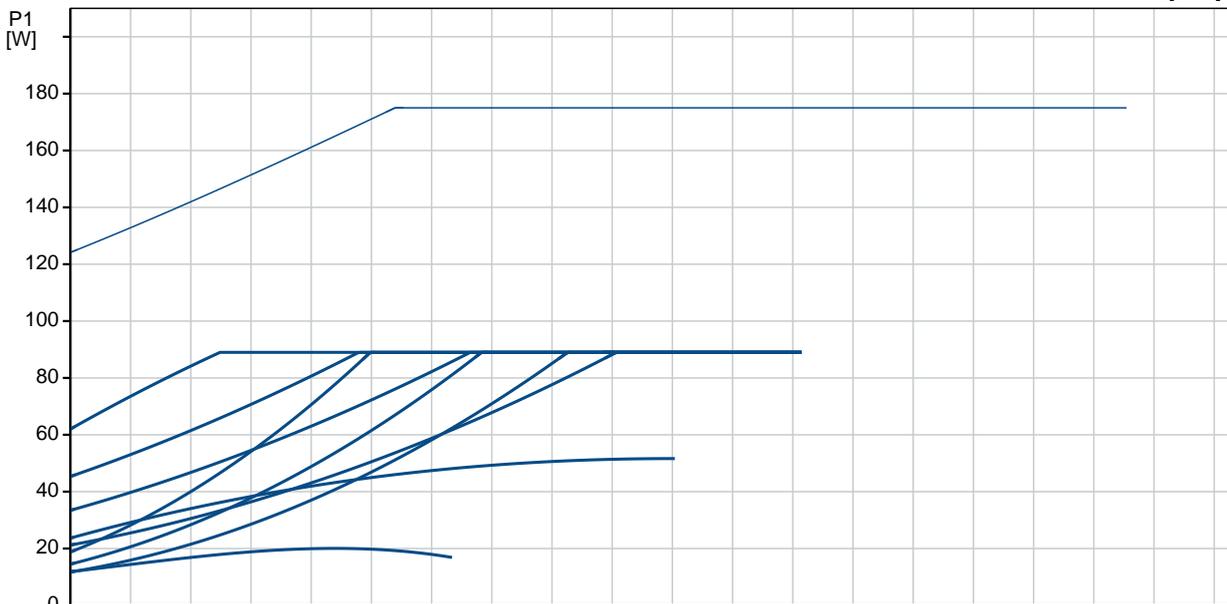
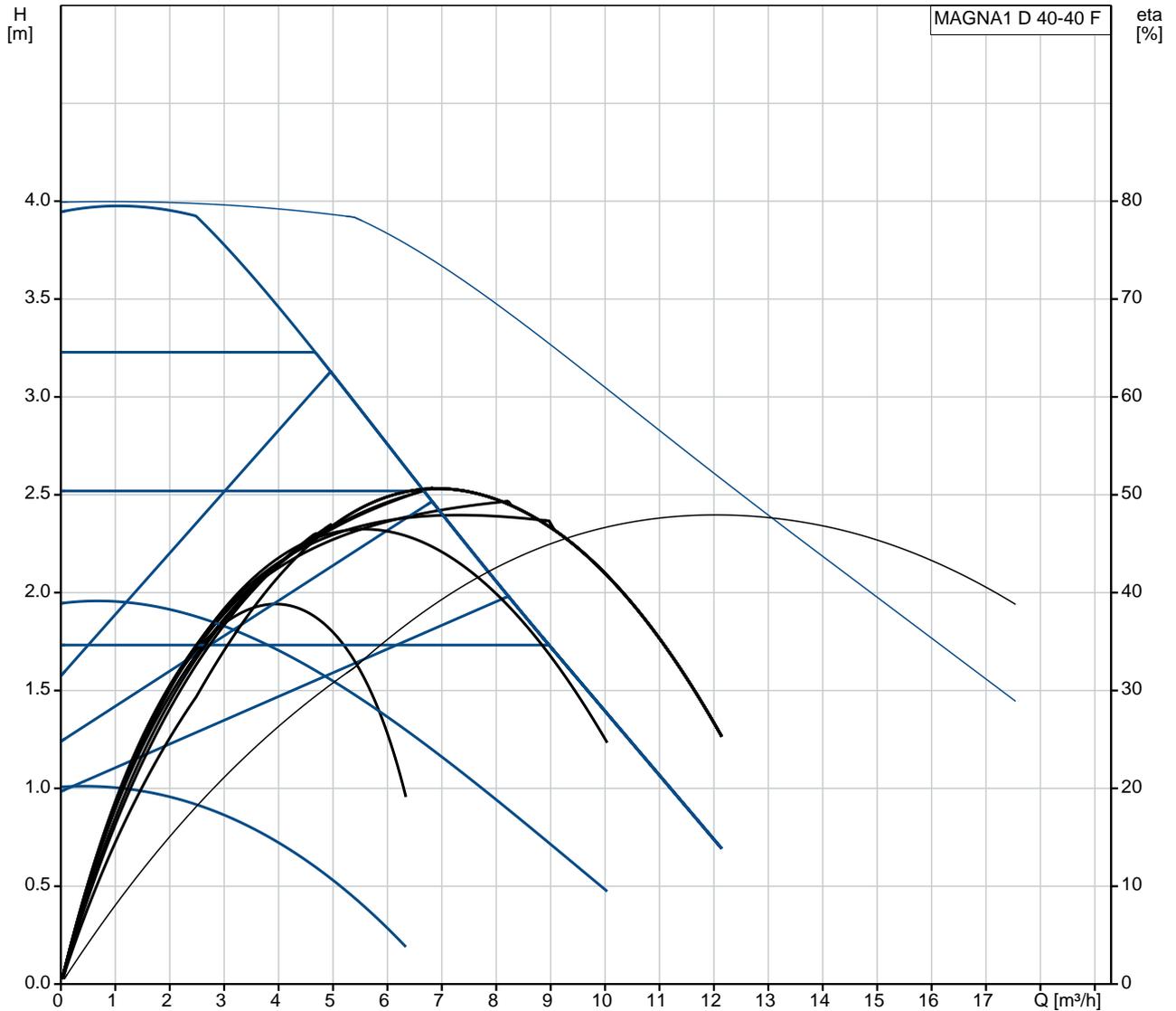
**Created by:**

**Phone:**

**Date:** 13/11/2020

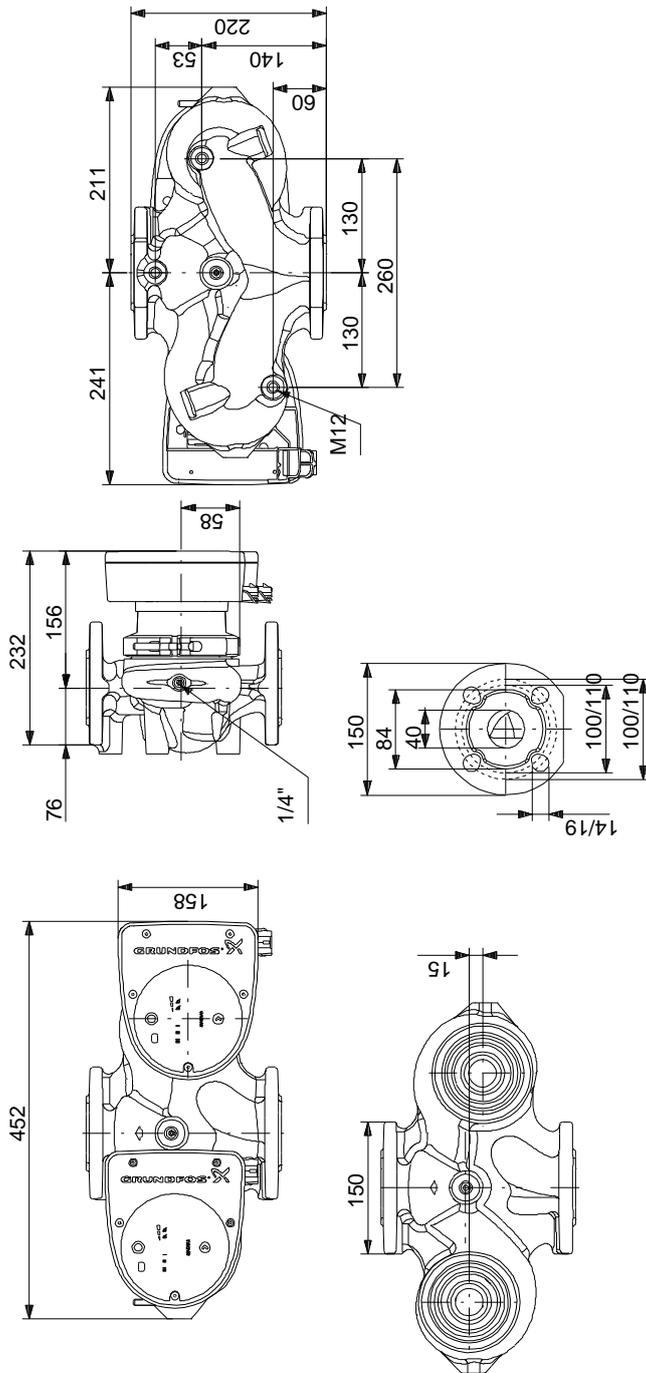
| Qty.                         | Description   |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
|------------------------------|---|-------------------|------------|------------------|------------|----------------|-----------|------------------------------|----------------|-----------------------------|-----|----------------------------|---|---------------|------|-------------|---------|---------------|---------|------------------|----------------------|--------------------|----|--------------------|----------|
|                              | <p>Electrical data:</p> <table><tr><td>Power input - P1:</td><td>12 .. 90 W</td></tr><tr><td>Mains frequency:</td><td>50 / 60 Hz</td></tr><tr><td>Rated voltage:</td><td>1 x 230 V</td></tr><tr><td>Maximum current consumption:</td><td>0.11 .. 0.72 A</td></tr><tr><td>Enclosure class (IEC 34-5):</td><td>X4D</td></tr><tr><td>Insulation class (IEC 85):</td><td>F</td></tr></table> <p>Others:</p> <table><tr><td>Energy (EEI):</td><td>0.22</td></tr><tr><td>Net weight:</td><td>18.8 kg</td></tr><tr><td>Gross weight:</td><td>19.6 kg</td></tr><tr><td>Shipping volume:</td><td>0.046 m<sup>3</sup></td></tr><tr><td>Country of origin:</td><td>DE</td></tr><tr><td>Custom tariff no.:</td><td>84137030</td></tr></table> | Power input - P1: | 12 .. 90 W | Mains frequency: | 50 / 60 Hz | Rated voltage: | 1 x 230 V | Maximum current consumption: | 0.11 .. 0.72 A | Enclosure class (IEC 34-5): | X4D | Insulation class (IEC 85): | F | Energy (EEI): | 0.22 | Net weight: | 18.8 kg | Gross weight: | 19.6 kg | Shipping volume: | 0.046 m <sup>3</sup> | Country of origin: | DE | Custom tariff no.: | 84137030 |
| Power input - P1:            | 12 .. 90 W  |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
| Mains frequency:             | 50 / 60 Hz  |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
| Rated voltage:               | 1 x 230 V   |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
| Maximum current consumption: | 0.11 .. 0.72 A  |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
| Enclosure class (IEC 34-5):  | X4D   |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
| Insulation class (IEC 85):   | F   |                   |            |                  |            |                |           |                              |                |                             |     |                            |   |               |      |             |         |               |         |                  |                      |                    |    |                    |          |
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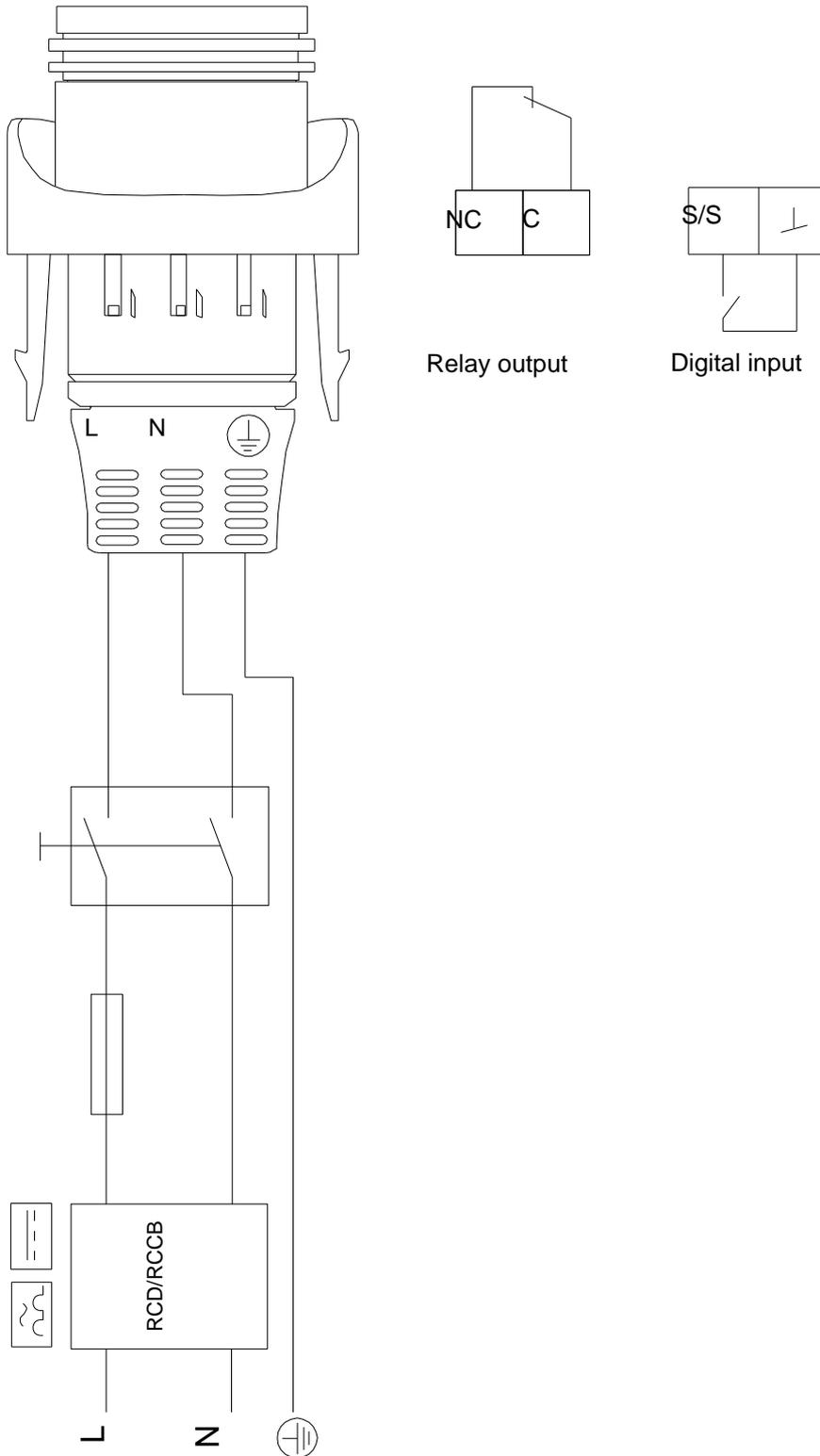


## 99221293 MAGNA1 D 40-40 F



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

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