# Grundfos Variable speed circulation pump cast iron DN50 flange 10bar 3.4A 230VAC black/red type MAGNA1 50-180F EuP ready (7039235)



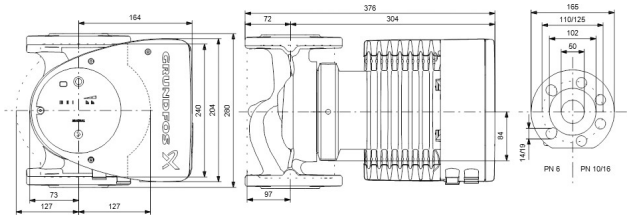

GRUNDFOS

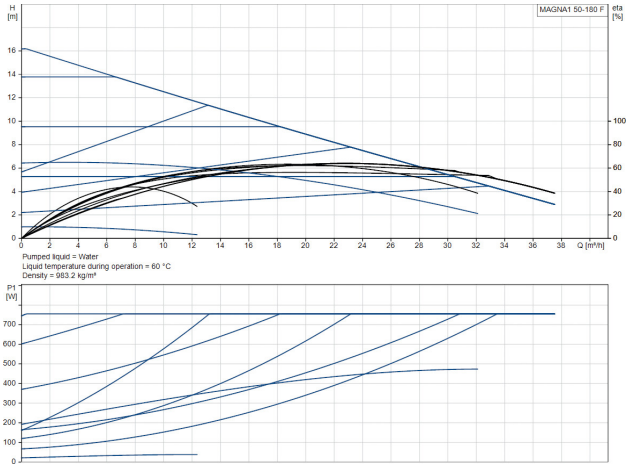
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# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Colour | black/red |
| Material | Cast iron |
| Pump body | Cast iron |
| Material impeller 1 | fibreglass-reinforced PES |
| Connection | flange |
| Voltage | 230VAC |
| Max. temperature | 110 °C |
| Minimum medium temperature (continuous) | -15 °C |
| Impellers | 1 |
| Frequency | 50 Hz |
| Maximum ambient temperature | 40 °C |
| Pressure | 10 bar |
| Minimum ambient temperature | 0 °C |
| Type | MAGNA1 50-180F EuP ready |
| Max. head | 18 m |
| Size | DN50 |

| | |
|---|---|
| Ampere | 3.4 A |




# PRODUCT INFORMATION

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 and smaller chiller applications.

Features:

- Proportional-pressure control.
- Constant-pressure control.
- Constant-curve/constant-speed duty.
- No external motor protection required.
- Insulating shells supplied with single-head pumps for heating systems.
- Wide temperature range due to thermal separation of the control box and pumped media.

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