

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



GRUNDFOS 

# TECHNICAL SPECIFICATIONS

Colour	black/red
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Material	cast iron
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Pump body	cast iron
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Material impeller 1	fibreglass-reinforced PES
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Connection	flange
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Voltage	230VAC
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Max. temperature	110 °C
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Minimum medium temperature -15 °C  
(continuous)

Impellers	1
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Frequency	50 Hz
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Maximum ambient temperature	40 °C
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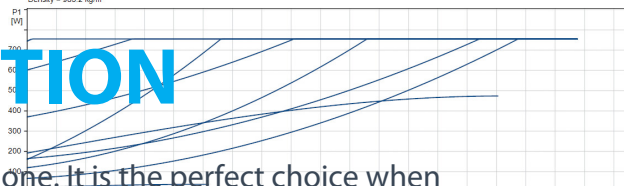
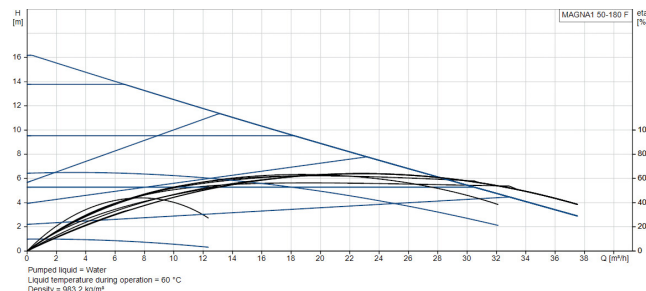
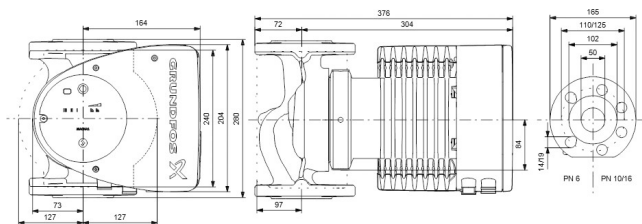
Pressure	10 bar
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Minimum ambient temperature	0 °C
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Type	MAGNA1 50-180F EuP ready
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Size	DN50
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MWC	18
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## 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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