

**Grundfos Variable speed  
circulation pump cast iron  
DN100 flange 10bar 3.13A  
230VAC black/red type  
MAGNA1 100-60F EuP ready  
(7039247)**



GRUNDFOS 

# 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 -15 °C  
(continuous)

|           |   |
|-----------|---|
| Impellers | 1 |
|-----------|---|

|           |       |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

|                             |       |
|-----------------------------|-------|
| Maximum ambient temperature | 40 °C |
|-----------------------------|-------|

|          |        |
|----------|--------|
| Pressure | 10 bar |
|----------|--------|

|                             |      |
|-----------------------------|------|
| Minimum ambient temperature | 0 °C |
|-----------------------------|------|

|      |                          |
|------|--------------------------|
| Type | MAGNA1 100-60F EuP ready |
|------|--------------------------|

|           |     |
|-----------|-----|
| Max. head | 6 m |
|-----------|-----|

|      |       |
|------|-------|
| Size | DN100 |
|------|-------|



### 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.

**Last modified date: 05/09/2026**

Bosta UK Ltd.  
Reflection House  
Olding Road  
Bury St. Edmunds  
Suffolk  
IP33 3TA  
T +44 (0) 1284 716580  
E [enquiries@bosta.co.uk](mailto:enquiries@bosta.co.uk)  
<http://www.bosta.com>