

**Grundfos Variable speed  
circulation pump cast iron  
DN50 flange 10bar 3.35A  
230VAC black/red WRAS type  
MAGNA3 50-180F (280)  
(7039814)**



GRUNDFOS 

# TECHNICAL SPECIFICATIONS

|        |           |
|--------|-----------|
| Colour | black/red |
|--------|-----------|

|          |           |
|----------|-----------|
| Material | cast iron |
|----------|-----------|

|          |      |
|----------|------|
| Approval | WRAS |
|----------|------|

|           |           |
|-----------|-----------|
| Pump body | cast iron |
|-----------|-----------|

|                     |                           |
|---------------------|---------------------------|
| Material impeller 1 | fibreglass-reinforced PES |
|---------------------|---------------------------|

|            |        |
|------------|--------|
| Connection | flange |
|------------|--------|

|         |        |
|---------|--------|
| Voltage | 230VAC |
|---------|--------|

|                  |        |
|------------------|--------|
| Max. temperature | 110 °C |
|------------------|--------|

|                                         |        |
|-----------------------------------------|--------|
| Minimum medium temperature (continuous) | -10 °C |
|-----------------------------------------|--------|

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

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

Maximum ambient temperature 40 °C

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

Minimum ambient temperature 0 °C

|      |                      |
|------|----------------------|
| Type | MAGNA3 50-180F (280) |
|------|----------------------|

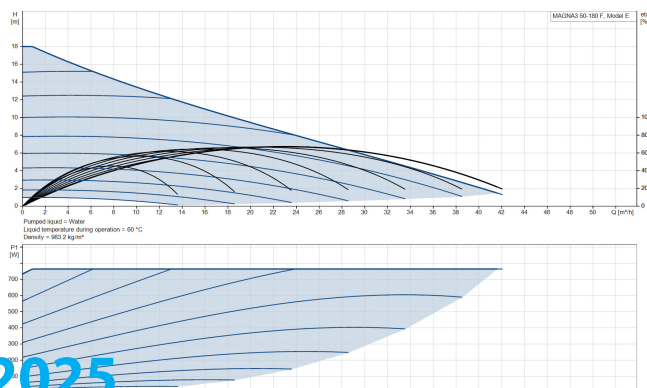
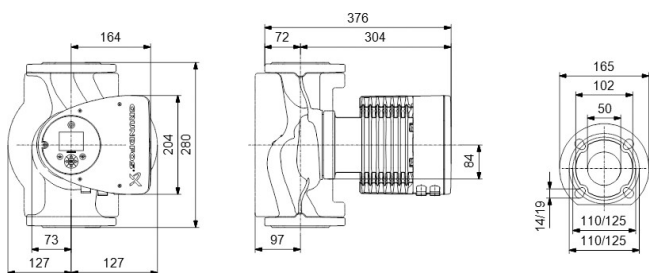
|      |      |
|------|------|
| Size | DN50 |
|------|------|

MWC

18

Ampere

3.35 A



**Last modified date: 09/11/2025**

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