SIEMENS

## Data sheet 6FB1103-0AT13-4MB1

SIDOOR MDG3 R geared motor, shaft on the right with slot and fitted key A3x5 according to DIN 6888, max. 180 kg of mass to be moved, IP56, 2x M12 for separate motor connection cable, 30 V DC, -20 to +50 °C



| | |
|---|---|
| **General information** | |
| Product type designation | MDG3 R |
| **Supply voltage** | |
| Rated value (DC) | 30 V |
| **Input current** | |
| Operational current (rated value) | 4 A |
| **Power** | |
| Active power input | 120 W |
| **Mechanical data** | |
| Torque of the rotary operating mechanism (rated value) | 3 N·m |
| Speed, max. | 0.65 m/s |
| Mass to be moved, max. | 180 kg |
| Gear unit | Yes |
| Gear ratio | 15 |
| Fixed output gear | No |
| **Degree and class of protection** | |
| IP degree of protection | |
| ● of the motor | IP56 |
| ● of the gear unit | IP56 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| UL approval | Yes |
| EAC (formerly Gost-R) | Yes |
| China RoHS compliance | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -20 °C |
| ● max. | 50 °C |
| Ambient temperature during storage/transportation | |
| ● Storage, min. | -40 °C |
| ● Storage, max. | 85 °C |
| **Cables** | |
| Fixed connecting cable | No |
| **Dimensions** | |
| Diameter of output gear, min. | 28 mm |
| Diameter of output gear, max. | 122 mm |
| Height of motor | 98 mm |
| Length of motor | 264 mm |


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| | |
|---|---|
| Diameter of motor | 63 mm |
| Width of gearbox | 85 mm |

## Classifications

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-02-27-11 |
| eClass | 14 | 27-02-27-11 |
| eClass | 12 | 27-02-27-11 |
| ETIM | 10 | EC002987 |
| ETIM | 9 | EC002987 |
| ETIM | 8 | EC002987 |
| ETIM | 7 | EC002987 |
| IDEA | 4 | 1054 |
| UNSPSC | 15 | 20-10-16-17 |

## Approvals / Certificates

### General Product Approval

EG-Konf. Declaration of Conformity | UKCA TUEV | China RoHS

### EMV

### EMV

RCM

### other

Confirmation

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