

SIDOOR MDG4 R geared motor, shaft on the right with slot and fitted key A5x5 according to DIN 6885, max. 400 kg of mass to be moved, IP56, 2x M12 for separate motor connection cable, 30 V DC, -20 to +50 °C



General information

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|--------------------------|--------|
| Product type designation | MDG4 R |
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Supply voltage

| | |
|------------------|------|
| Rated value (DC) | 30 V |
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Input current

| | |
|-----------------------------------|-----|
| Operational current (rated value) | 4 A |
|-----------------------------------|-----|

Power

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|--------------------|-------|
| Active power input | 120 W |
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Mechanical data

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|--|-------|
| Torque of the rotary operating mechanism (rated value) | 3 N·m |
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|-------------|----------|
| Speed, max. | 0.75 m/s |
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|------------------------|--------|
| Mass to be moved, max. | 400 kg |
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|-----------|-----|
| Gear unit | Yes |
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|------------|----|
| Gear ratio | 15 |
|------------|----|

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|---------------------------------------|-----|
| Number of pulses per revolution, max. | 100 |
|---------------------------------------|-----|

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|-------------------|----|
| 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

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|-------------------------------|--------|
| Diameter of output gear, min. | 28 mm |
| Diameter of output gear, max. | 122 mm |
| Height of motor | 115 mm |
| Length of motor | 303 mm |
| Diameter of motor | 63 mm |
| Width of gearbox | 106 mm |

last modified: 06/22/2020