

SIDOOR MDG180 R EN 45545-2 geared motor, pinion right max.  
180kg door weight, Cable length 1.5 m, 30VDC, EN 45545-2, -20 °C  
to +50 °C



### General information

Product type designation	MDG180 R DIN EN 45545-2
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### Supply voltage

Rated value (DC)	30 V
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### Input current

Operational current (rated value)	4 A
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### Power

Active power input	120 W
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### Mechanical data

Torque of the rotary operating mechanism (rated value)	3 N·m
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Speed, max.	0.65 m/s
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Gear ratio	15
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Number of pulses per revolution, max.	100
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Weight of door, max.	180 kg
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### Degree and class of protection

IP degree of protection	
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- of the motor IP54
- of the gear unit IP40

#### Standards, approvals, certificates

CE mark	Yes
UL approval	No
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
Fire resistance	
• Behavior in fire	complies with EN 45545-2 Hazard Level HL3

#### Dimensions

Height of motor	98 mm
Length of motor	236 mm
Diameter of motor	63 mm
Width of gear unit, including drive pinion	85 mm

**last modified:** 06/22/2020