

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



General information	
Product type designation	MDG180 L DIN EN 45545-2
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
Gear ratio	15
Number of pulses per revolution, max.	100
Weight of door, max.	180 kg
Degree and class of protection	
IP degree of protection	

- of the motor
- of the gear unit

IP54

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