

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
Product version	With driven gear on the right
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	
<ul style="list-style-type: none"> <li>• of the motor</li> <li>• of the gear unit</li> </ul>	<p>IP54</p> <p>IP40</p>

### Standards, approvals, certificates

CE mark	Yes
UL approval	No
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes

### Ambient conditions

Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	<p>-20 °C</p> <p>50 °C</p>
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• Storage, min.</li> <li>• Storage, max.</li> </ul>	<p>-40 °C</p> <p>85 °C</p>
Fire resistance	
<ul style="list-style-type: none"> <li>• Behavior in fire</li> </ul>	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
<b>last modified:</b>	11/25/2019