Sonesse® 30 RTS

Technical features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Voltage Supply</td>
<td>DC</td>
</tr>
<tr>
<td>Index Protection Rating</td>
<td>IP 30</td>
</tr>
<tr>
<td>Limit Switch Type</td>
<td>Electronic</td>
</tr>
<tr>
<td>Limit Switch Capacity</td>
<td>35 Turns</td>
</tr>
<tr>
<td>Temperature Working Range</td>
<td>32°F to 140°F</td>
</tr>
<tr>
<td>Insulation Class</td>
<td>Class III</td>
</tr>
<tr>
<td>Antenna</td>
<td>Must not come in contact with metal. May need to be repositioned for optimal range</td>
</tr>
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</table>

NOTE: Power cable is included with motor.

Dimensions - in. (mm)

- Minimum window width bracket to bracket for roller shades (inches):
  - Acmeda 44mm tube and hardware: 18 5/8"
  - RollEase® 1.5” tube w/ Skyline Hardware: 19 5/8"
  - RollEase® 1.5” tube w/ R8 Hardware: 18 1/2"

Performances

- Voltage*: 24VDC
- Motor Power Connection: 2pin JST, 2mm pitch
- Nominal load starting current*: 1.8A for max. 300ms
- Nominal load current*: .8A
- Maximum current during programming*: 3.2A for 300ms.
- Torque: 17.7 in. lbs. (2Nm)
- Speed: 6–28 rpm (programmable)
- Thermal protection: 2.5 minutes
- Minimum inside diameter of tube: 1.22 in. (31mm)
- **Sound level: ≤ 44 dBA
- RF control range (may vary): 65 ft.

* Regulated power supply required

**Sound Level:

Sound level measured at 3 feet from end product at maximum torque.

Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 31mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- ST30 Series Drive Stop and Screw (included with crown and drive), are recommended to prevent noise and drive wheel separation from motor shaft.

Included Cable

24V DC POWER CABLE
- 2 Conductor
- 7.5' Length
- stripe = positive
- white = negative