

# Wired Technology > Sonesse® 50 RA (Rapid Limit Adjustment)



## Sonesse® 50 RA Star Head



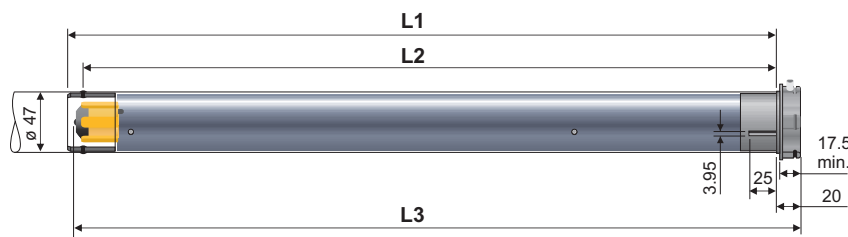
504S2 1030061

Offers control via power switching

### Technical features

|   |                     |
|---|---------------------|
| <b>Voltage Supply</b>                                 | AC                  |
| <b>Index Protection Rating</b><br>(interior use only) | IP 31               |
| <b>Limit Switch Type</b>                              | Rapid Adjustment RA |
| <b>Limit Switch Capacity</b>                          | 46 Turns            |

|                                  |                             |
|----------------------------------|-----------------------------|
| <b>Temperature Working Range</b> | 32°F to 140°F (0°C to 60°C) |
| <b>Insulation Class</b>          | Class 1 for 120V            |



2 mounting holes for self tapping screws.  
Dia. 5 mm (cat #9670013)  
Depth 13 mm  
Spaced 1.89" (48 mm) apart

### Performances 504S2

|                           |           |
|---------------------------|-----------|
| <b>Torque</b>             | 4 Nm      |
| <b>Nominal Voltage</b>    | 120V/60Hz |
| <b>Rated Current</b>      | .95A      |
| <b>Speed</b>              | 32 rpm    |
| <b>Thermal Protection</b> | 4 minutes |
| <b>Sound Level</b>        | 44 dBA    |

### Dimensions 504S2

|                     |                   |
|---------------------|-------------------|
| <b>L1</b>           | 28.03 in (712 mm) |
| <b>L2</b>           | 27.60 in (701 mm) |
| <b>L3</b>           | 28.58 in (726 mm) |
| <b>Cable Length</b> | 6.5ft (2 m)       |

### 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) > 47mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) included with Sonesse series motors only, is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.

### Type of cable

**Wired**  
120 V / 60 Hz  
4 conductor cable

