

# Sonessé® 50 RA

Star Head and Round Head Motors (rapid limit adjustment)

**506S2** 1001814    **506S2RH** 1001812  
**510S2** 1001813    **510S2RH** 1001810

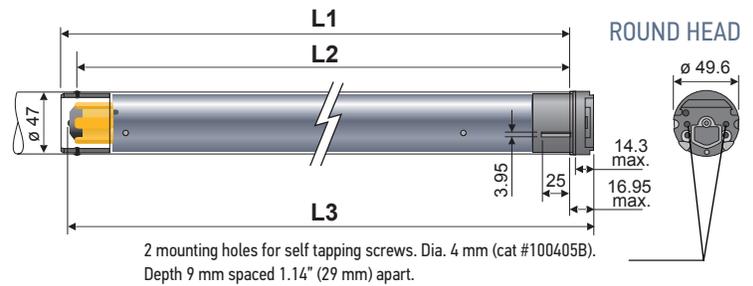
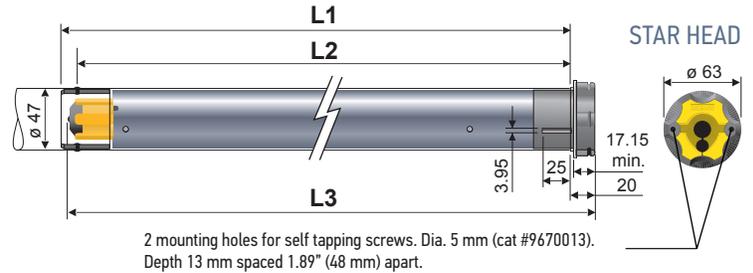


Offers control via power switching

## Technical Features

<b>Voltage Supply</b>	120V AC, 60Hz
<b>Index Protection Rating</b>	506 - IP 31 (interior use) 506/510 - IP 44 (interior & exterior use)
<b>Limit Switch Type</b>	Rapid Adjustment RA
<b>Limit Switch Capacity</b>	46 Turns
<b>Temperature Working Range</b>	506/510: -4°F to 158°F (-20°C to 70°C) Interior and exterior use
<b>Insulation Class</b>	Class 1 for 120V AC
<b>Wiring</b>	Do not parallel wire.

## Dimensions



## Specifications

	506	510
<b>Torque</b>	6 Nm	10 Nm
<b>Nominal Voltage</b>	120V / 60Hz	120V / 60Hz
<b>Rated Current</b>	1.2A	1.67A
<b>Speed</b>	32 rpm	32 rpm
<b>Thermal Protection</b>	4 minutes	4 minutes
<b>*Sound Level</b>	≤ 45 dBA	≤ 47 dBA

Dimensions	506	510
<b>L1</b>	23.7 in. (603 mm)	23.7 in. (603 mm)
<b>L2</b>	23.2 in. (590 mm)	23.2 in. (590 mm)
<b>L3</b>	SH 24.3 in. (616 mm) RH 24.1 in. (613 mm)	SH 24.3 in. (616 mm) RH 24.1 in. (613 mm)
<b>Cable Length</b>	6.5 ft. (2 m)	6.5 ft. (2 m)



### \* Sound Level:

According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

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

## Type of power cable

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

