

Sonesse® 50 RA

Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	506 – IP 44 (interior & exterior use)
Limit Switch Type	Rapid Adjustment RA
Limit Switch Capacity	46 Turns
Temperature Working Range	506: -4°F to 158°F (-20°C to 70°C) Interior and exterior use

Insulation Class	Class 1 for 120V
Wiring	Do not parallel wire

Performances

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

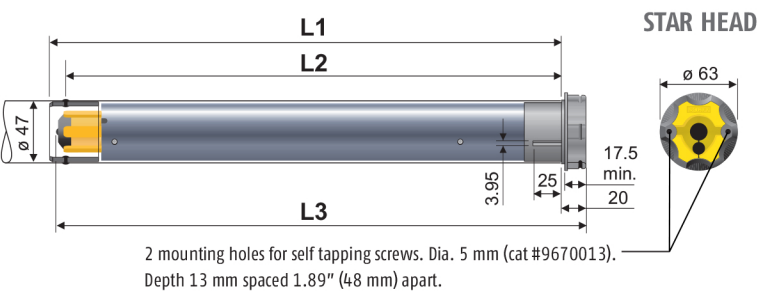
*Sound Level:

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

Fabrication Recommendations:

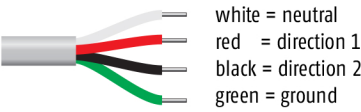
- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 47mm must be respected.
- 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) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.

Dimensions



Type of Cable

Wired
120V / 60Hz
4 conductor cable



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

Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.