

Sonesse® 50 RA

Star Head and Round Head Motors (rapid limit adjustment)



Offers control via power switching

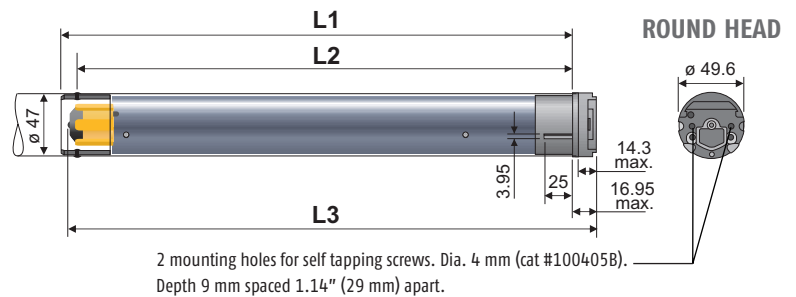
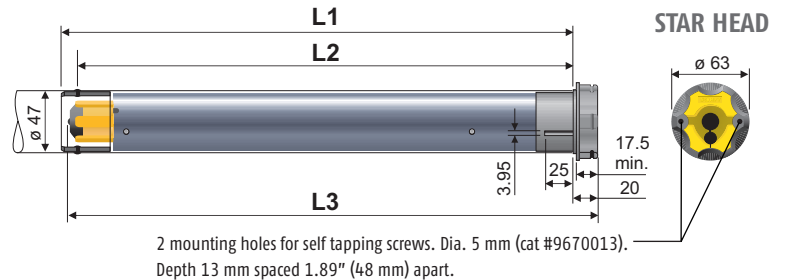
504S2 1030061	504S2RH 1030062
506S2 1001814	506S2RH 1001812
510S2 1001813	510S2RH 1001810



Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	504 - IP 31 (interior use) 506/510 - IP 44 (interior & exterior use)
Limit Switch Type	Rapid Adjustment RA
Limit Switch Capacity	46 Turns
Temperature Working Range	504: 32°F to 140°F (0°C to 60°C) Interior use 506/510: -4°F to 158°F (-20°C to 70°C) Interior and exterior use
Insulation Class	Class 1 for 120V AC
Wiring	Do not parallel wire

Dimensions



Specifications

	504	506	510
Torque	4 Nm	6 Nm	10 Nm
Nominal Voltage	120V / 60Hz	120V / 60Hz	120V / 60Hz
Rated Current	.95A	1.2A	1.67A
Speed	32 rpm	32 rpm	32 rpm
Thermal Protection	4 minutes	4 minutes	4 minutes
*Sound Level	≤ 44 dBA	≤ 44 dBA	≤ 47 dBA

Dimensions	504	506	510
L1	20.03 in (712 mm)	23.7 in (603 mm)	23.7 in (603 mm)
L2	27.60 in (701 mm)	23.2 in (590 mm)	23.2 in (590 mm)
L3	SH 28.58 in (726 mm) RH 28.46 in (723 mm)	SH 24.3 in (616 mm) RH 24.1 in (613 mm)	SH 24.3 in (616 mm) RH 24.1 in (613 mm)
Cable Length	6.5ft (2 m)	6.5ft (2 m)	6.5ft (2 m)

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

*Sound Level:

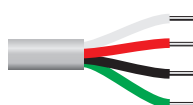
Sound level measured at 3 feet from end product at maximum rated torque.

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.

Type of power cable

Wired
120V AC / 60Hz
4 conductor cable



white = neutral
red = direction 1
black = direction 2
green = ground