

Offers control via power switching

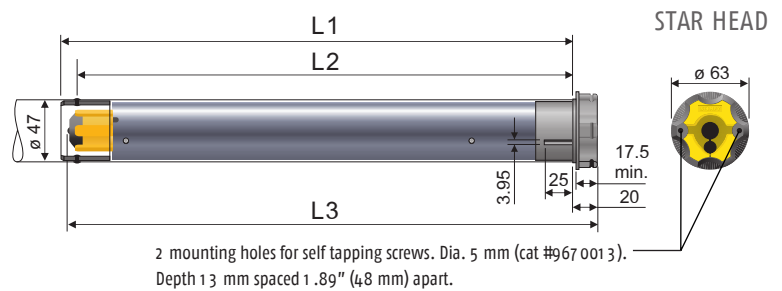
504S2 1 03 0061
506S2 1 001 81 4

Technical Features



Voltage Supply	120V AC, 60Hz
Index Protection Rating	504 - IP 31 (interior use) 506 - 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: -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

Dimensions



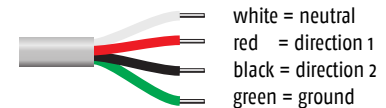
Dimensions	504	506
L1	20.03 in (712 mm)	23.7 in (603 mm)
L2	27.60 in (701 mm)	23.2 in (590 mm)
L3	SH 28.58 in (726 mm) RH 28.46 in (723 mm)	SH 24.3 in (616 mm) RH 24.1 in (613 mm)
Cable Length	6.5 ft (2 m)	6.5 ft (2 m)

Performances

	504	506
Torque	4 Nm	6 Nm
Nominal Voltage	120V / 60Hz	120V / 60Hz
Rated Current	.95A	1.2A
Speed	32 rpm	32 rpm
Thermal Protection	4 minutes	5 minutes
*Sound Level	≤ 44 dBA	≤ 40 dBA

Type of Cable

Wired
120V / 60Hz
4 conductor cable



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) > 47 mm 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 (991 0004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.