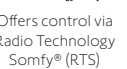


Soness® ULTRA 50 RTS Star and Round Head Motors

506A2 1002562
506A2RH 1002564



Somfy
DESIGNED FOR
SILENCE



Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	IP 31 (interior use)
Limit Switch Type	Electronic RTS
Limit Switch Capacity	250 Turns
Temperature Working Range	32°F to 140°F (0°C to 60°C) (interior use only)

Insulation Class	Class 1 for 120V AC
Antenna	Integrated into power cord. Power cord must be at least 12 inches and must not come in contact with metal.
Wiring	Parallel wiring allowed in accordance with NEC and local electrical codes.

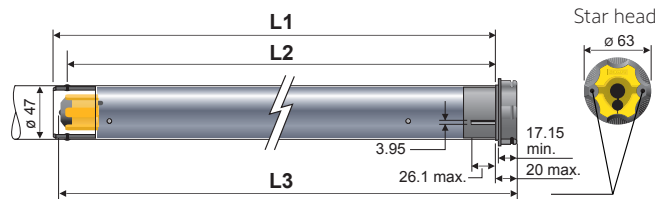
Dimensions

L1	31.8 in. (808 mm)
L3	31.3 in. (795 mm)
L3	SH 32.4 in. (823 mm) RH 32.3 in. (820 mm)
SJTW Power Cable length	9.8 in. (3 m)

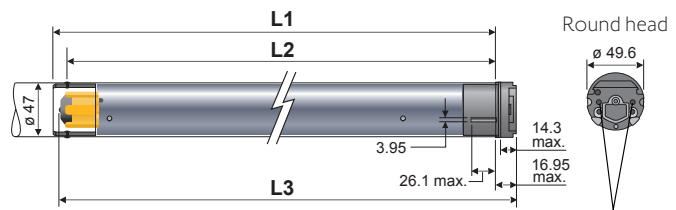
Optional 3C cables available in varying lengths with NEMA plug, Fast Connector and open leads.

Maximum width: up to 144" x 120" (fabric limitations)

Minimum width: 37"



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



2 mounting holes for self tapping screws. Dia. 4 mm (cat #100405B). Depth 9 mm spaced 1.14" (29 mm) apart.

Specifications

Torque	4 Nm
Minimum Torque*	0.4 Nm
Nominal Voltage	24V DC
Rated Current	1.5A
Speed range	Adjustable: 10-25 rpm (default: 25)
Thermal protection	5 minutes
Rated Power	36W
Sound Level***	≤38 dBA

***Minimum torque:**

Minimum application weight to ensure smooth operation.

***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. Due to the variances of standard aluminum extrusion tolerances, it is recommended to screw the drive wheel & pin end to immobilize them and ensure quiet performance throughout the life of the product.
- 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. This drive stop screw must be tightened with a torque ranging between 1.5Nm and 1.8Nm.
- Somfy Soft Clip Drive Wheel Adaptors (brown in color) are not recommended.



Type of power cable

RTS 120V AC / 60Hz
3-conductor SJTW cable



white = neutral
black = hot
green = ground



POWERED by
somfy®

Certifications

