

50652 1 002286

A new generation of intelligent motors that are controlled and monitored via Skyco digital network solutions and animeo IP total solar management system.

Technical Features

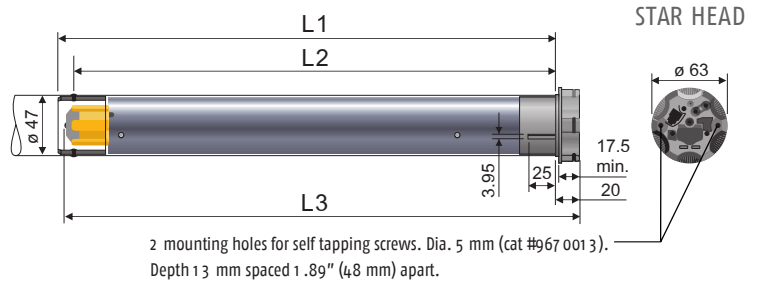


Voltage Supply	120V AC, 60Hz
Index Protection Rating	506 - IP 44 (interior & exterior use)
Limit Switch Type	Electronic
Limit Switch Capacity	300 Turns
Temperature Working Range	-4°F to 158°F (-20°C to 70°C) Interior and exterior use
Insulation Class	Class 1 for 120V
Wiring	Parallel wiring allowed in accordance with NEC and local electrical codes

Performances

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

Dimensions

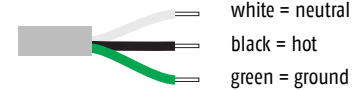


L1	25.7 in (653 mm)
L2	25.2 in (640 mm)
L3	26.2 in (666 mm)
SJTW Power Cable Length	9.8 ft (3 m)
Data Cable (must be ordered separately)	Customizable and available in various lengths

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

Type of Cable

RS485: 120V / 60Hz
3 conductor cable



*Sound Level:

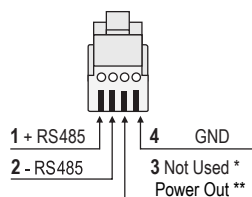
Sound level measured at 3 feet from end product at maximum rated torque.

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.

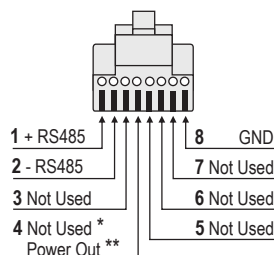
Data Cable: RJ9/RJ45 (sold separately)

RJ9 connects to motor



* Data cable (black) for animeo IP networks
** Data cable (grey) for powering external modules

RJ45 connects to network



4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (RTS, Z-Wave, ZigBee modules)

GREY WITH
POWER OUT

2.5 ft long	#901 8545
8 ft long	#901 8546
12 ft long	#901 8547
24 ft long	#901 8548

4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (SDN - animeo IP)

BLACK WITHOUT
POWER OUT

2.5 ft long	#901 8541
8 ft long	#901 8542
12 ft long	#901 8543
24 ft long	#901 8544