



LT50 RS485 Star Head Motors

Part #515S2 1002427

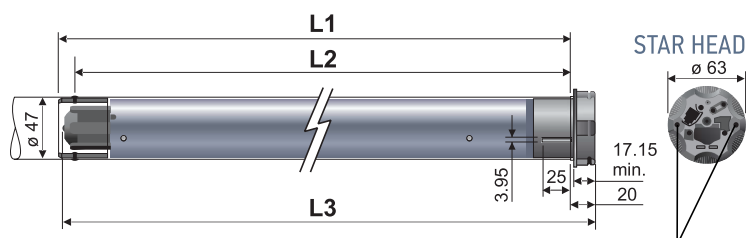
TECHNICAL FEATURES

Voltage Supply	120V AC, 60Hz
Index Protection Rating	IP 44 (interior & exterior use)
Limit Switch Type	Electronic
Limit Switch Capacity	300 Turns
Temperature Working Range	-4°F to 140°F (-20°C to 60°C) (interior and exterior use)
Insulation Class	Class 1 for 120V AC
Wiring	Parallel wiring allowed in accordance with NEC and local electric codes.

SPECIFICATIONS

515	
Torque	15 Nm
Nominal Voltage	120V / 60Hz
Rated Current	1.8A
Speed	38 rpm
Thermal Protection	4 minutes
*Sound Level	≤ 55 dBA

DIMENSIONS



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

L1	26.57 in. (675 mm)
L2	25.98 in. (660 mm)
L3	26.89 in. (683 mm)
SJTW Power Cable Length	9.8 ft. (3 m)
Data Cable (must be ordered separately)	Customizable and available in various lengths

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

TYPE OF POWER CABLE

120V AC / 60Hz
3-Conductor SJTW cable



* Sound level

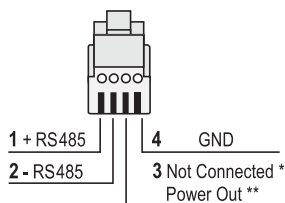
According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

Fabrication Recommendations

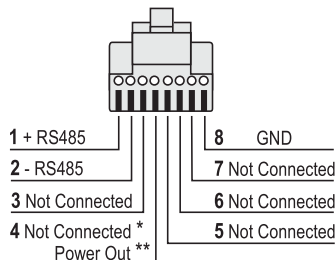
- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube.
- Interior Tube Diameter (ID) > 47 mm must be respected.
- A motor crown adaptor between motor 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.

DATA CABLE: RJ9/RJ45 (SOLD SEPARATELY)

RJ9 connects to motor



RJ45 connects to network



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

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 9018545
- 8 ft long 9018546
- 12 ft long 9018547
- 24 ft long 9018548

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 9018541
- 8 ft long 9018542
- 12 ft long 9018543
- 24 ft long 9018544