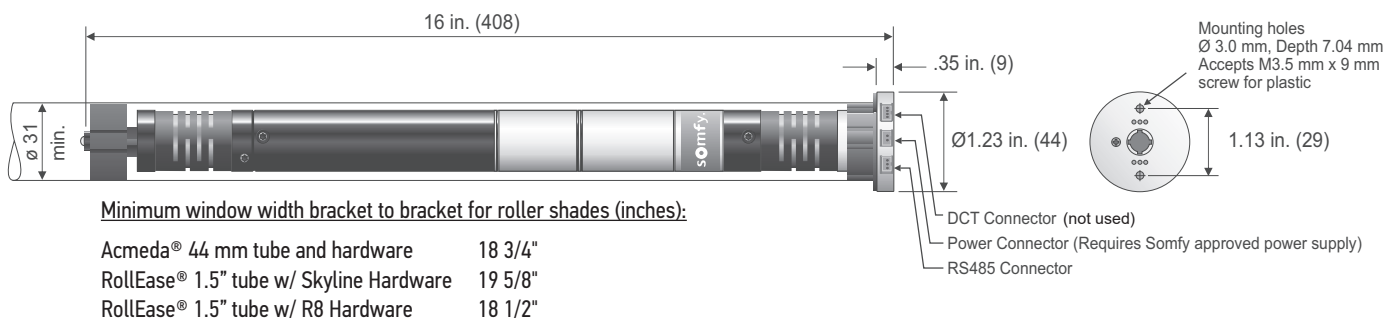


Technical Features

Voltage Supply	24V DC	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Index Protection Rating	IP 30	Insulation Class	Class III
Limit Switch Type	Digital	NOTE: Power/Control motor cables are included with motor. Limit Setting Tool and Address Reader #9017142 and Sonesse® 30 RS485 New JST to RJ45 Communication Cable #9019191 are required for setting limits. (sold separately)	
Limit Switch Capacity	35 Turns		

Dimensions



Specifications

Voltage	24V DC
Motor power connector	2 pin JST, 2 mm pitch
Motor RS485 connector	3 pin JST, 2.54 mm pitch
Motor DCT connector (not used)	4 pin JST, 2 mm pitch
Nominal load starting current	1.8A for max. 300 ms
Nominal load current	.8A
Maximum current during programming	3.2A for 300 ms.
Torque	2 Nm
Speed	Adjustable: 10-28 rpm (default: 28)
Thermal protection	2.5 minutes
Minimum inside diameter of tube	1.22 in. (31 mm)
Sound Level*	44 dBA

*Sound level:

Power Level : according to standards ISO3741 in dB(A) re1pW
Typical Value, at nominal torque, at 10rpm, without application/end-product

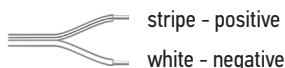
Fabrication recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Limit setting to be set with Limit Setting Tool #9017142
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 31 mm must be respected.
- A motor crown adaptor between motor and end product tube is required to ensure concentric operation of motor.
- ST30 Series Drive Stop and Screw (included with crown and drive), are recommended to prevent noise and drive wheel separation from motor shaft.

Type of power and data cables (included)

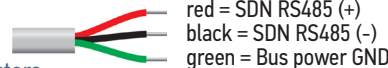
24V DC POWER CABLE #9014794

2-Conductor
7.5' Length
24 AWG Conductors



RS485 COMMUNICATION CABLE #9019190

3-Conductor
7.5' Length
24 AWG Conductors



Maximum Power Cable Length
(to guarantee characteristics)

GAUGE	LENGTH
14 AWG	240 ft.
16 AWG	150 ft.
18 AWG	100 ft.

Optional Pigtail: Sonesse 30 DC RS485 Cable Data and Power Pigtail #9020261 (sold separately).

See page 13 for reference.