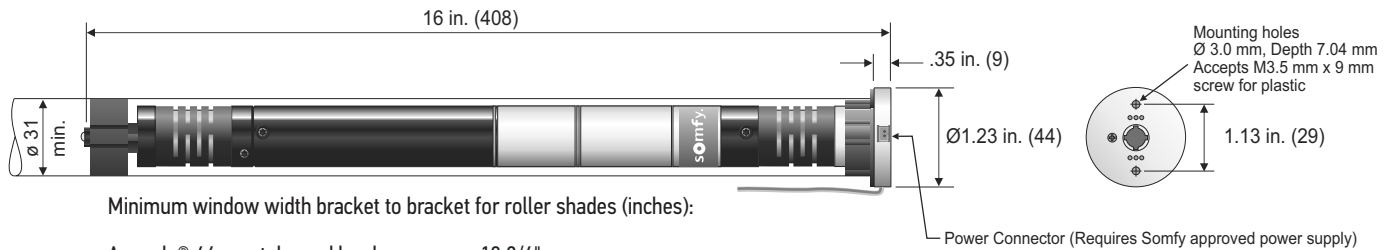# TEXTON

Sonesse 30 RTS

#1001524

Radio Technology Somfy (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

Voltage Supply	24V DC	**Temperature Working Range**	32°F to 140°F (0°C to 60°C)
Index Protection Rating (interior use only)	IP 30	**Insulation Class**	Class III
Limit Switch Type	Electronic (RTS)	**Antenna**	Must not come in contact with metal. May need to be repositioned for optimal range.
Limit Switch Capacity	35 Turns		

NOTE: Sonesse 30 DC RTS Cable Data and Power Pigtail #9020260 is included with motor.

Dimensions

Minimum window width bracket to bracket for roller shades (inches):

Acmeda® 44 mm tube and hardware	18 3/4"
RollEase® 1.5" tube w/ Skyline Hardware	19 5/8"
RollEase® 1.5" tube w/ R8 Hardware	18 1/2"

Specifications

Voltage	24V DC
Motor power connection	2 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: 6–28 rpm (default: 28)
Thermal protection	2.5 minutes
Minimum inside diameter of tube	1.22 in. (31 mm)
Sound Level*	44 dBA
RF control range (may vary)	65 ft.

*Sound level:

Sound level measured at 3 feet from end product at maximum 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) > 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 cable

24V DC POWER CABLE

2-Conductor
7.5' Length
24 AWG Conductors

stripe – positive
white – negative

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 RTS Cable Power Pigtail #9020260 (not included with motor)

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