

# Sonesse® 30 RTS

**Sonesse 30 RTS**  
#1001524

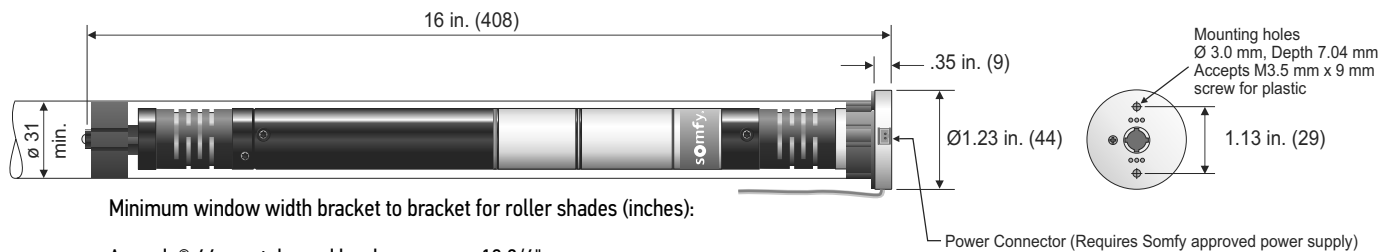


Radio Technology Somfy (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

## Technical Features

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

## 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

<b>Voltage</b>	24V DC
<b>Motor power connection</b>	2 pin JST, 2 mm pitch
<b>Nominal load starting current</b>	1.8A for max. 300 ms
<b>Nominal load current</b>	.8A
<b>Maximum current during programming</b>	3.2A for 300 ms
<b>Torque</b>	2 Nm
<b>Speed</b>	Adjustable: 10-28 rpm (default: 28)
<b>Thermal protection</b>	2.5 minutes
<b>Minimum inside diameter of tube</b>	1.22 in. (31 mm)
<b>Sound Level*</b>	44 dBA
<b>RF control range (may vary)</b>	65 ft.

### \*Sound level:

Power Level : according to standards ISO3741 in dB(A) re 1pW  
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.
- 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 #9014794

2-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 RTS Cable Power Pigtail #9020260 (sold separately).

See page 13 for reference.