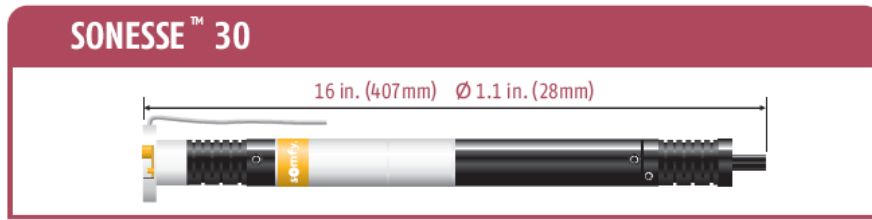


Somfy Sonesse 30 Specification



VOLTAGE	24VDC
TORQUE	17.6 in. lbs. (2Nm)
NOMINAL SPEED	28 rpm
MIN TUBE INSIDE DIAMETER	1.2 in. (31mm)
NOMINAL LOAD STARTING CURRENT	1.8A
NOMINAL LOAD CURRENT	.8A
MOTOR WEIGHT (SHIPPING)	1.43lbs. (.65kg)
SOUND LEVEL	44 dBA
DIMENSIONS	Ø 1.1 in. (28mm) Length 16 in. (407mm)

MOTOR SPECIFICATIONS

2.2 SYSTEM REQUIREMENTS

- A. Somfy Sonesse 30
 1. Operates without exceeding 44DBA Sound Pressure Level (SPL) measured 3 feet from the motor.
 2. Operates independently, without the use of external group controllers.
 3. Makes no audible clicks when the motor starts or stops.
 4. Precisely controls rollers shade speed for accurate shade tracking utilizing encoder based technology.
 5. Includes power failure memory for preset stop points, open and closed limits, shade grouping, shade sub-grouping and system configuration.
 6. Multiple Sonesse 30 units can be electronically synchronized the start, stop and move smoothly in unison and all times.
- B. N/A
- C. Capacity: Capable of up to 99 devices per transmitter including handheld transmitters, wall stations, and interfaces.
- D. Groupings: As shown with the following requirements.
 1. System groups and subgroups are capable of being reconfigured at the point of control without rewiring or access to the Sonesse 30.
 2. Somfy wall stations shall control Sonesse 30 units by group or subgroup without group controllers.
- E. Presets and Open and Close Limits. Provide the following features.

1. Electronically precision-set and locked into position.
 2. Programmable and adjustable from the Sonesse 30 unit and/or wall mounted wall stations and/or hand held system transmitter.
- F. Protection
3. System components shall provide appropriate (spike and brownout) over voltage protection, plus or minus 10 percent of line voltage, for all devices in the system.
 4. The Sonesse 30 shall be powered by a UL Listed or UL Recognized Class 2 power supply.
 5. System components shall provide stall protection so that in case that the motor stalls, there will be no damage to fabric or motor.
 6. System components shall provide over-heat protection to prevent overheating and possible motor drive damage.
- E. Integration:
1. Sonesse 30 shall be integrated directly with light control system specified and A/V equipment.
 2. Sonesse 30 is capable of receiving RTS Radio Technology Somfy transmission from hand-held transmitters and wall stations through an embedded receiver built into the motor without an external interface.

2.2 CONTROLS

- A. Wall Mounted Controls:
- a. Low voltage wall stations shall electronically set and reconfigure Sonesse 30 open and close limits, preset positions, system groups, and subgroups without rewiring and without access to the Sonesse 30.
 - b. Control System shall be coordinated with the audio-visual contractor.
 - c. Motor control system shall control shades in the room.
 - i. Five-group wall box controls shall be used in rooms designated to have both sheer and blackout shades.
 - ii. Three-button controls (Up, Down, Stop) shall be used in rooms with single shade type installations.
 - d. Control system shall have two standard operating modes: Normal Mode allowing the shades to be stopped anywhere in the window's opening and Uniform Mode allowing the shade to only be stopped at the predefined intermediate stop position. Both modes shall allow for all open/all closed position.

2.3 TRANSFORMER

- A. The Somfy Sonesse 30 shall be powered with 24 VDC transformers.