

# Soness® 40 WT

**404S2** 1240377  
**406A2** 1240378  
**409R2** 1240379

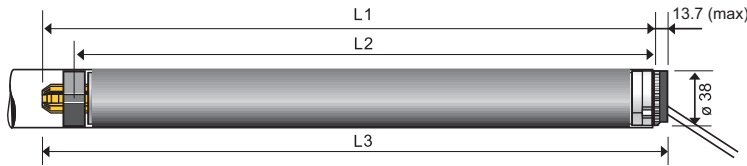


Offers control via power switching

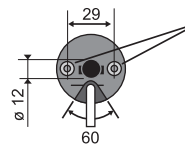
## Technical Features

<b>Voltage Supply</b>	120V AC	<b>Limit Switch Capacity</b>	40 Turns
<b>Index Protection Rating</b> (interior use only)	Motor: IP 44 Fast Connector: IP55	<b>Temperature Working Range</b>	32°F to 140°F (0°C to 60°C)
<b>Limit Switch Type</b>	Progressive Adjustment (PA)	<b>Insulation Class</b>	Class 1 for 120V AC

## Dimensions



NOTE: Illustration dimensions in millimeters (mm).



2 mounting holes for self tapping screws.  
Dia. 4 mm (cat #100405B) Depth 9 mm  
spaced 1.14" (29 mm) apart.

Self tapping mounting screws are included with each motor.

Dimensions	404S2	406A2	409R2
<b>L1</b>	18.19 in. (462 mm)	19.45 in. (494 mm)	19.45 in. (494 mm)
<b>L2</b>	17.36 in. (441 mm)	18.62 in. (473 mm)	18.62 in. (473 mm)
<b>L3</b>	18.82 in. (478 mm)	20.08 in. (510 mm)	20.08 in. (510 mm)
<b>Cable Length</b>	1.6 ft (.5 m) to Fast Connector		

## Specifications

	404S2	406A2	409R2
<b>Torque</b>	4 Nm	6 Nm	9 Nm
<b>Nominal Voltage</b>	120V / 60Hz		
<b>Rated Current</b>	.95 A	1.2A	.98A
<b>Speed</b>	36 rpm	24 rpm	14 rpm
<b>Thermal Protection</b>	4 minutes		
<b>Sound Level*</b>	42 dBA	44 dBA	40 dBA

### 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 plays have to be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > or = 38mm must be respected to prevent contact with the basic motor tube.
- 400 Series Drive Stop and Screw (9147894) is recommended to prevent noise and drive wheel separation from motor shaft.



## Type of power cable

### Wired

**120V AC / 60Hz**  
**4-Conductor 1.6 ft. SJTW Cable on Motor with Fast Connector**



## Extension cable (sold separately)

### 4 Conductor Fast Connector Extension Cable with Open Leads

9021117	4.4 ft.
9021118	8.4 ft.
9021120	16.4 ft.
9021121	22.4 ft.