

# LT50 RA

Star Head and Round Head Motors (rapid limit adjustment)

<b>506S2</b>	1032023	<b>525A2</b>	1043024	<b>506S2RH</b>	1032016
<b>510S2</b>	1037036	<b>530R2</b>	1045026	<b>510S2RH</b>	1037026
<b>515A2</b>	1039024	<b>535A2</b>	1047013	<b>515S2RH</b>	1039019
<b>515S2</b>	1039027	<b>540R2</b>	1049042	<b>520R2RH</b>	1041028
<b>520R2</b>	1041026	<b>550R2</b>	1051019	<b>525A2RH</b>	1043025

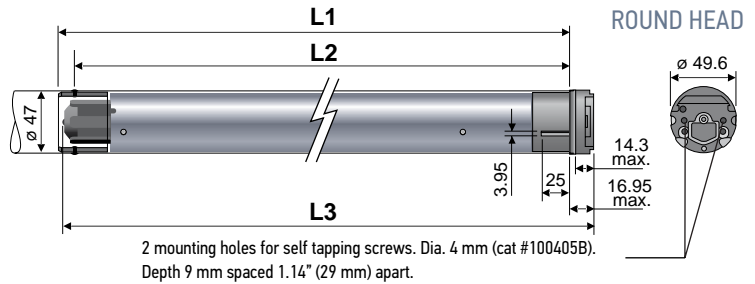
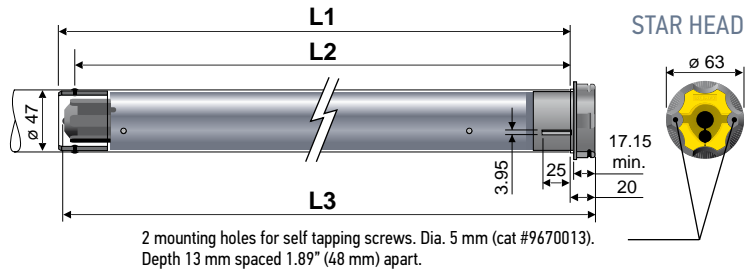


Offers control via power switching

## Technical Features

<b>Voltage Supply</b>	120V AC, 60Hz
<b>Index Protection Rating</b>	IP 44
<b>Limit Switch Type</b>	Rapid Adjustment RA
<b>Limit Switch Capacity</b>	46 Turns
<b>Temperature Working Range</b>	14°F to 140°F (-10°C to 60°C)
<b>Insulation Class</b>	Class 1 for 120V AC
<b>Wiring</b>	Do not parallel wire.

## Dimensions



Dimensions	506S2	510S2	515A2	515S2	520	525	530	535	540	550
<b>L1</b>	20.67 in. (525 mm)	21.85 in. (555 mm)	20.67 in. (525 mm)	23.82 in. (605 mm)	20.67 in. (525 mm)	21.85 in. (555 mm)	21.85 in. (555 mm)	23.82 in. (605 mm)	23.82 in. (605 mm)	23.82 in. (605 mm)
<b>L2</b>	20.10 in. (510 mm)	21.26 in. (540 mm)	20.10 in. (510 mm)	23.23 in. (590 mm)	20.10 in. (510 mm)	21.26 in. (540 mm)	21.26 in. (540 mm)	23.23 in. (590 mm)	23.23 in. (590 mm)	23.23 in. (590 mm)
<b>L3</b> (Star Head only)	20.98 in. (533 mm)	22.17 in. (563 mm)	20.98 in. (533 mm)	24.13 in. (613 mm)	20.98 in. (533 mm)	22.17 in. (563 mm)	22.17 in. (563 mm)	24.13 in. (613 mm)	24.13 in. (613 mm)	24.13 in. (613 mm)
<b>L3</b> (Round Head only)	20.87 in. (530 mm)	22.05 in. (560 mm)		24.02 in. (610 mm)	20.98 in. (533 mm)	22.17 in. (563 mm)				
<b>Cable Length</b>	6.5 ft. (2 m)									

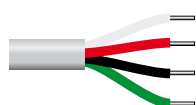
Optional cables available in 6 ft, 10 ft, 12 ft, 24 ft.

## Specifications

	506S2	510S2	515A2	515S2	520	525	530	535	540	550
<b>Torque</b>	6 Nm	10 Nm	15 Nm	15 Nm	20 Nm	25 Nm	30 Nm	35 Nm	40 Nm	50 Nm
<b>Nominal Voltage</b>	120V / 60Hz									
<b>Rated Current</b>	.95A	1.3A	1.1A	1.8A	1.1A	1.6A	1.5A	2.1A	1.8A	2.1A
<b>Speed</b>	38 rpm	38 rpm	20 rpm	38 rpm	14 rpm	20 rpm	14 rpm	20 rpm	14 rpm	14 rpm
<b>Thermal Protection</b>	5 minutes									
<b>Sound Level (RH only)</b>	55 dBA	56 dBA	NA	56 dBA	NA	NA	NA	NA	NA	NA

## Type of power cable

Wired 120V AC / 60 Hz 4 conductor cable



white = neutral  
red = direction 1  
black = direction 2  
green = ground