

Linear Actuators

Linear Actuators

- Options:**
- Adjustable Cam
 - Feedback
 - Cord set output
 - Dust Cover

- Applications:**
- Light Duty Treadmills
 - Adjustable Work Stations
 - Adjustable TV Stands

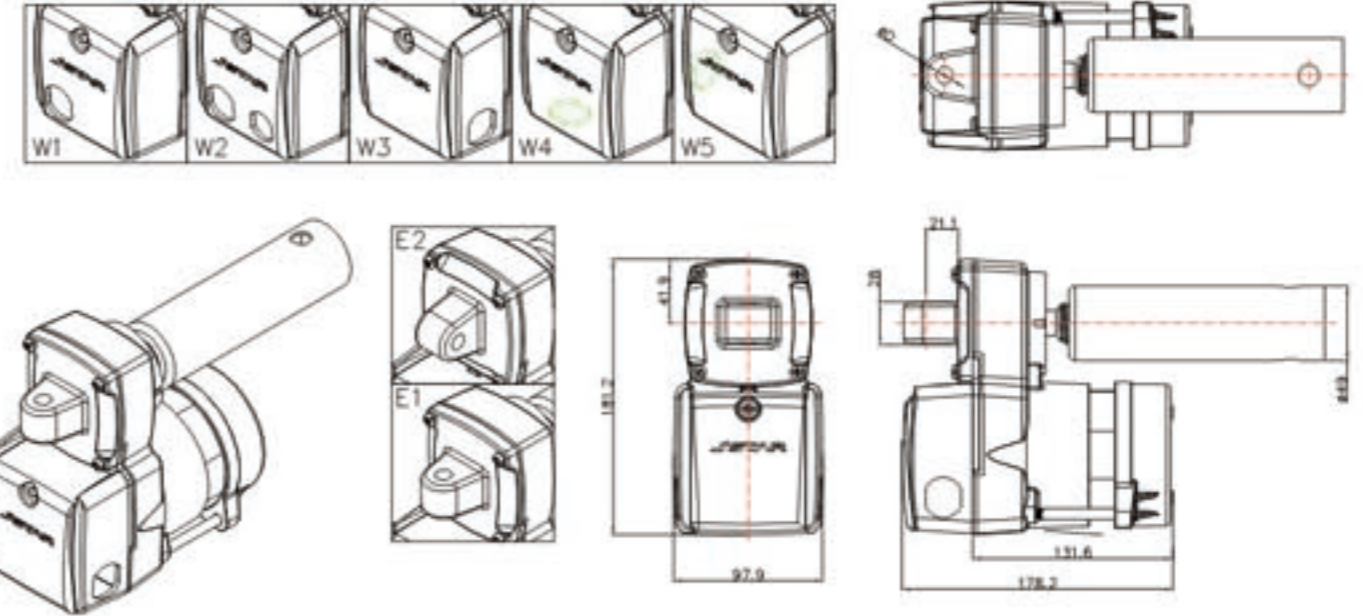
Model: JS09	
Input Voltage	110/220 VAC, 50/60 Hertz
Thrust Load	400 Pounds Max. (1780 Newton's)
Travel Speed	0.10 Inch/sec. (2.3mm/sec)
Operating Temperature	70 to 80 Centigrade
Duty Cycle	1 Minute on/8 Minutes Off
Automatic Thermal Protector Rating	120°C +/- 5°
Stroke Distance	Customer Defines
Capacitor	Electrolytic, Internal Mounting
Potentiometer, Reed Switch, Optical	Optional, Internal Mounting



- Features:**
- Permanent Split Capacitor Quiet Drive Motor
 - Needle Thrust Bearings
 - Precision Ball Bearings
 - Class 2C Acme Shaft
 - Internal Limit Switches
 - Adjustable Cam
 - Rugged Aluminum Castings
 - Delrin Gears for Added Quietness & Strength



This rugged small size linear actuator can handle thrust loads up to 710 pounds. It is perfect for applications that doesn't require a fast travel speed and are price sensitive. It is currently used on light duty home treadmills & fitness equipment, office equipment and adjustable work stations.



Model Js09 Total Ratio(Gear Raitio/Screw Leads) Reference

Input Motor	Gear Ratio	39:1			
		6		8	
		60	50	60	50
4 pole 30mm	Thread Type				
	Input frequency(Hz)	60	50	60	50
	Full load Speed in-min(mm-min)	7(180)	6(152)	5(134)	4(114)
4 pole 20mm	Full load thrust pounds(Newtons)	490(2180)	520(2313)	660(2936)	710(3158)
	Starting thrust pounds(Newtons)	570(2535)	610(2713)	770(3425)	830(3692)
	Full load Speed in-min(mm-min)	7(180)	6(152)	5(134)	4(114)
4 pole 20mm	Full load thrust pounds(Newtons)	360(1600)	380(1690)	480(2135)	510(2270)
	Starting thrust pounds(Newtons)	410(1824)	440(1957)	560(2490)	600(2670)
	Full load Speed in-min(mm-min)	7(180)	6(152)	5(134)	4(114)

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Model	Volts	Thread	Stack	Stroke	Sensor	Trunnion	Wire	Hole dia
	110	6	20	50 to	LS-Limit	E1	W1	9.6mm 3/8"
	220	8	30	300 mm	Switch	E2	W2	8mm
					1K-Pot		W3	10mm
					10K-Pot		W4	
					LP-Limit &Pot		W5	