

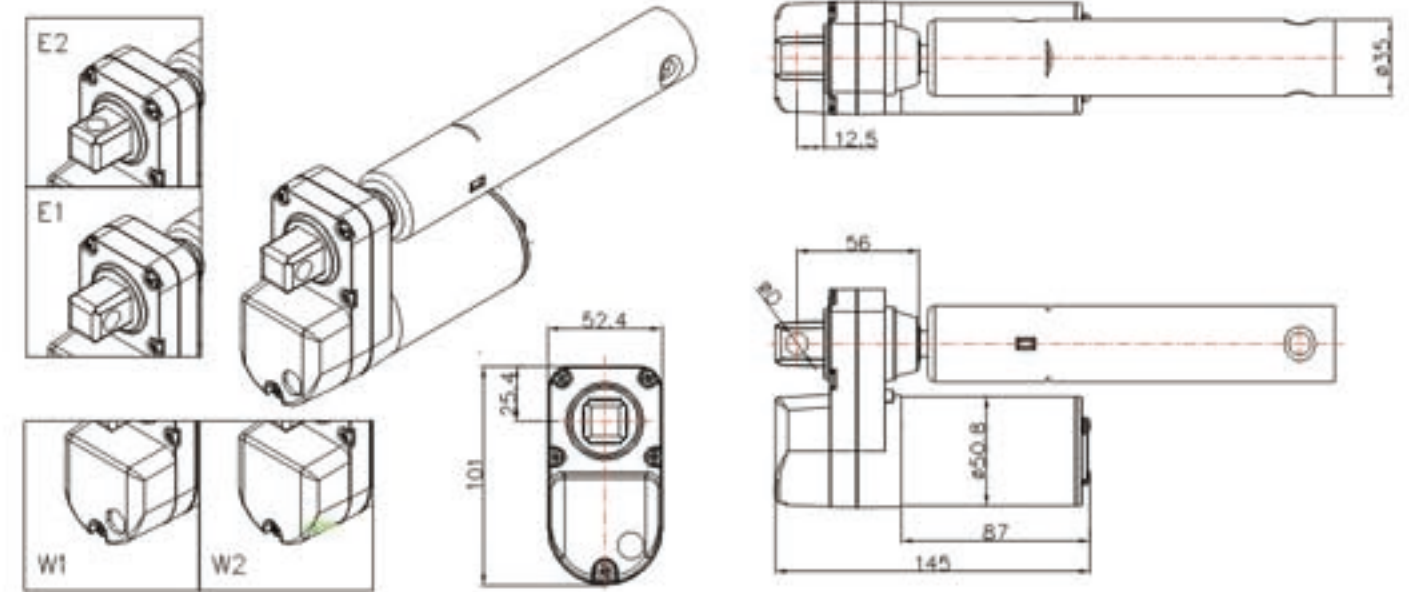
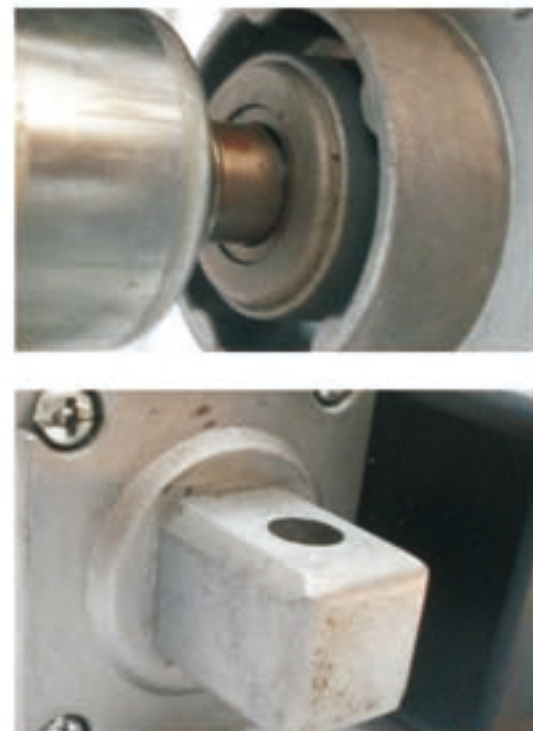
Linear Actuators

Linear Actuators

- Options:
- Adjustable Cam
 - Feedback

- Applications:
- Fitness Equipment
 - Adjustable Work Stations
 - Adjustable TV Stands
 - Jacks

Model: JM 19	
Input Voltage	6 to 180 VDC, PMDC
Load Capacity Thrust	350 Pounds
Travel Speed Inch per second/mm per sec	0.14 to 0.42 Inch per sec (3.6 to 10.7mm)
Operating Temperature	40 to 60 °C
Duty Cycle	1 Minute On 5 Minutes Off
Thermal Protector Rating	Optional, 80°C 100 volts
Stroke	Customer Defines
Feedback, Potentiometer, Optical	Optional, Internal mounting



Model Jm19 Total Ratio(Gear Ratio/Screw Leads) Reference

Input Motor	Gear Ratio	39:1	
	Thread Type(threads per inch)	8	
30mm	Full load Speed in-min(mm-min)	8	(71)
	Full load thrust pounds(Newtons)	350	(1555)
	Starting thrust pounds(Newtons)	500	(2225)



- Features:
- Durable Nylon Gear Casing
 - Aluminum Acme Tube & Dust Cover
 - Deep Groove Ball Thrust Bearing
 - FRP Plastic Gears for added strength and low db
 - PMDC Quiet Drive Motor
 - Over Sized Brushes for Added Life

This medium sized actuator can handle thrust loads up to 660 pounds at a travel speed 0.14 inch per second. It is ideal for use in positioning equipment that requires decent travel speeds on medium loads. It is currently used in several fitness equipment applications and jacks.

Model	Volts	Ratio	Stroke	Sensor	Trunnion	Wire	Hole dia
JM19 - XX - XX - XXX - XX - XX - XX - XX	12	39:1	50 to 300 mm	LS-Limit Switch	E1-Std. E2-90'	W1-Side W2-Back	9.6mm 3/8"
	24		customer defines	1K-Pot 10K-Pot PL-Limit &Pot			8.1mm
	90						6.4mm