

# Linear Actuators

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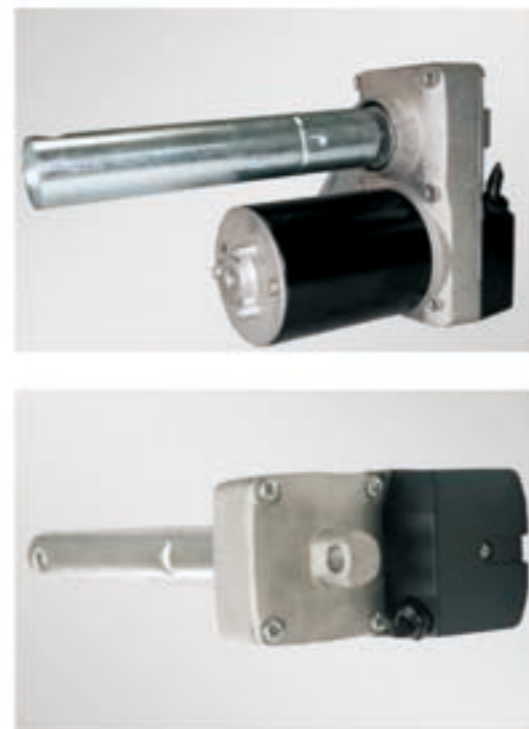
**Options:**

- Adjustable Cam
- Feedback
- Dust Cover
- Brake

**Applications:**

- Commercial Treadmills
- Adjustable Work Stations
- Dental Chairs & X-Ray
- Medical beds

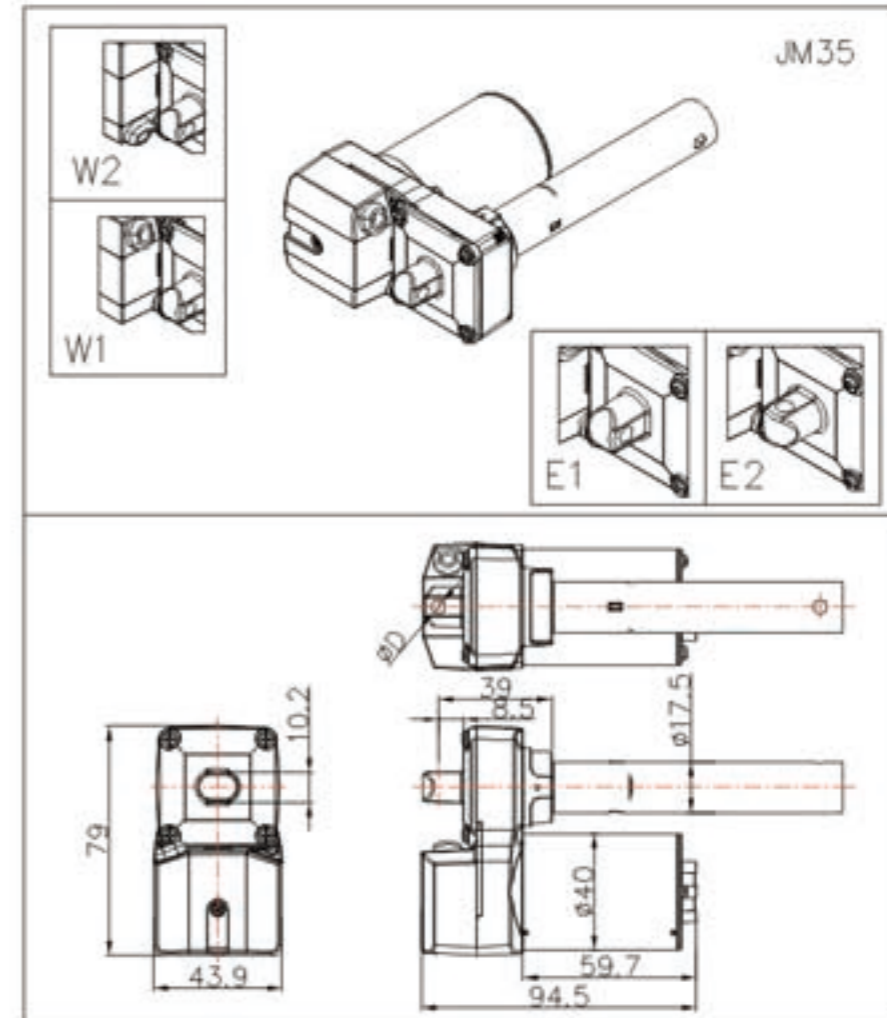
Model: JM 35	
Input Voltage	6 to 180 VDC, PMDC
Load Capacity Thrust	1250 Pounds (5550 Newton's)
Travel Speed Inct. per second/mm per sec.	0.14 to 0.42 Inch per sec (3.6 to 10.7mm)
Operating Temperature	40 to 60 °C
Duty Cycle	1 Minute On 5 Minutes Off
Thermal Protector Rating	Optional, 80°C 100 volts
Stroke	Customer Defines
Feedback, Potentiometer, Optical	Optional, Internal mounting



**Features:**

- Permanent Magnet Quiet Drive Motor
- Needle Type Heavy Duty Thrust Bearings
- Precision Ball Bearings
- Class 2G Acme Shaft
- Internal Limit Switches
- Adjustable Cam
- Rugged Aluminum Castings
- Fibre-Reinforced Plastic Gears For Added Strength & Quietness

This heavy duty Linear actuator can handle loads up to 1250 pounds. so change 1350 to 1250. It is perfect for an application that requires large thrust loads with faster travel speeds. It is currently used on club treadmills & fitness equipment, office equipment, adjustable work stations, medical beds, Dental X-ray machines and chairs.



Model Jm 35 Total Ratio(Gear Raitio/Screw Leads) Reference

Input Motor	Gear Ratio	13:1		20:1		25:1	
		6	8	6	8	6	8
1300RPM 30mm	Full load Speed in-min(mm-min)	27(69)	20(51)	18(46)	13(33)	14(36)	11(28)
	Full load thrust pounds(Newtons)	480(2135)	650(2890)	750(3336)	1000(4448)	930(4137)	1250(5338)
	Starting thrust pounds(Newtons)	580(2580)	780(3470)	900(4000)	1200(5338)	1120(4982)	1500(6672)

JM35 - XXX - XX - X - XXX - XX - XX - XX								
Model	Volts	Ratio	Thread	Stroke	Sensor	Wire	Hole dia	
	12	13	6	50 to	LS-Limit	W1	10mm	
	24	20	8	300 mm	Switch	W2	9.6mm 3/8"	
	90	25			1K-Pot			
					10K-Pot			
					LP-Limit			
					&Pot			

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