

Linear Actuators

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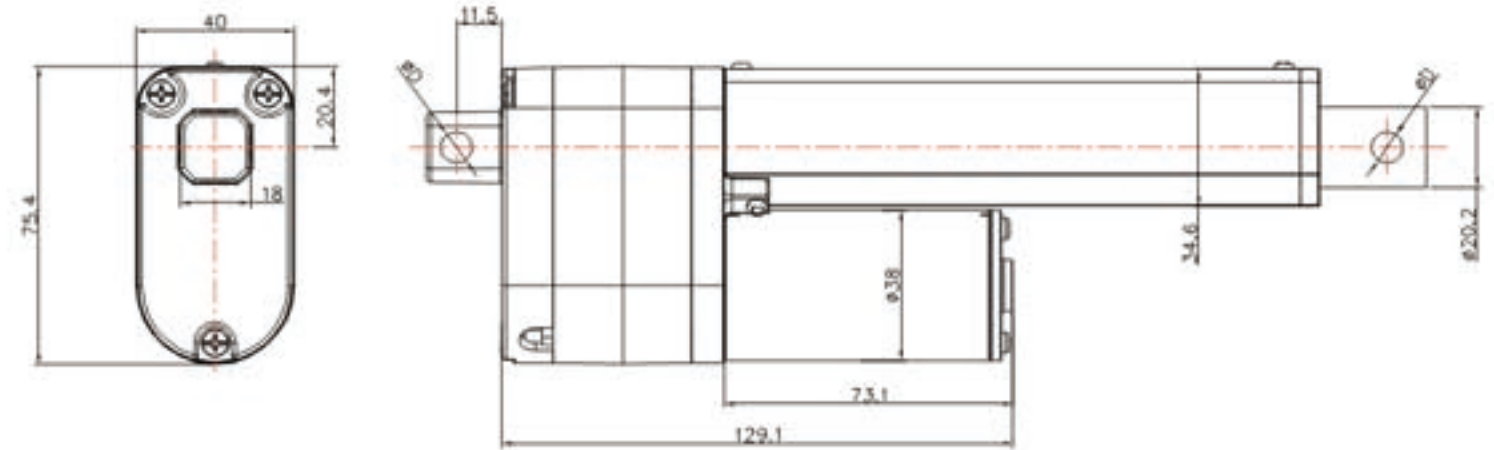
- Options:
- Adjustable Cam
 - Feedback
 - Cord set output
 - Dust Cover
- Applications:
- Fitness Equipment
 - Adjustable Work Stations
 - Adjustable TV Stands
 - Louvers and Windows

| Model: JM 10 | |
|---|---|
| Input Voltage | 6 to 180 VDC, PMDC |
| Load Capacity Thrust | 160 Pounds (700 Newton's) |
| Travel Speed Inch per second/mm per sec | 0.18 to 0.50 inch per sec (4.5 to 12.7mm) |
| Operating Temperature | 40 to 60 °C |
| Duty Cycle | 1 Minute On 5 Minutes Off |
| Thermal Protector Rating | Optional |
| Stroke | Customer Defines |
| Feedback, Potentiometer, Optical | Optional, Internal mounting |

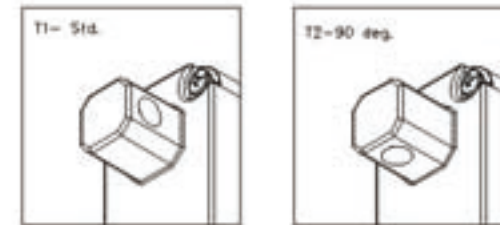


- Features:
- Permanent Magnet Motor
 - Class 2G Acme Shaft
 - Internal Limits
 - Adjustable Cam
 - Rugged Aluminum and Zinc Castings
 - Dust cover

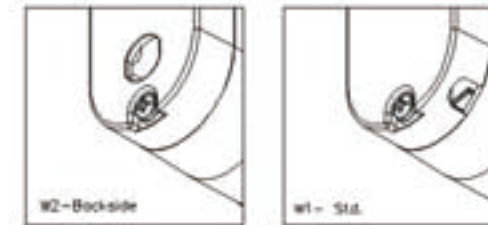
This miniature size linear actuator can handle thrust loads up to 150 pounds. It is perfect for an application that requires low thrust loads in a small space. It is currently used on Fitness equipment, office equipment, adjustable work stations, automatic windows and louvers, Flat screen TV stands



Optional Trunnion Mounting Position



Optional Cord Set Output Location



Model Jm10 Total Ratio(Gear Raitio/Screw Leads) Reference

| Input Motor | Gear Ratio | 20:1 | | 30:1 | | 40:1 | |
|-------------|----------------------------------|-------------------------------|-------|------|-------|------|-------|
| | | Thread Type(threads per inch) | 8 | 8 | 8 | 8 | |
| 34mm | Full load Speed in-min(mm-min) | 28 | (71) | 19 | (48) | 14 | (36) |
| | Full load thrust pounds(Newtons) | 70 | (311) | 110 | (490) | 150 | (667) |
| | Starting thrust pounds(Newtons) | 100 | (455) | 150 | (667) | 200 | (890) |

| Model | Volts | Ratio | Stroke | Sensor | Trunnion | Wire | Hole dia |
|--|-------|-------|------------------|---------------------------------------|----------|---------|------------|
| JM10 - XX - XX - XXX - XX - XX - XX - XX | 12 | 20:1 | 50 to | LS-Limit | T1-Std. | W1-Side | 9.6mm 3/8" |
| | 24 | 30:1 | 300 mm | Switch | T2-90' | W2-Back | 8.1mm |
| | 90 | 40:1 | customer defines | 1K-Pot 10K-Pot PL-Limit &Pot | | | 6.4mm |