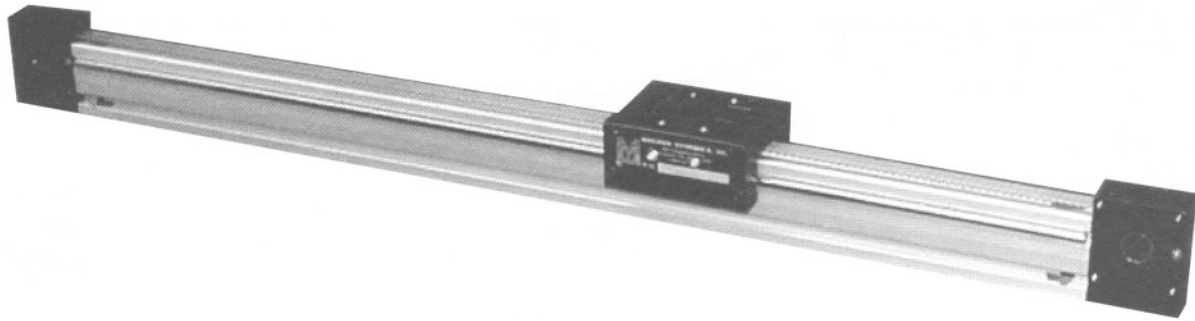


MACRON MINI 6 - 28 LINEAR ACTUATOR



Features

- Macron actuators are furnished to your specifications
- Available in any length up to 12 meters (40 ft.)
- Fast turnaround on all standard units

Motor Mounting (See Page 24)

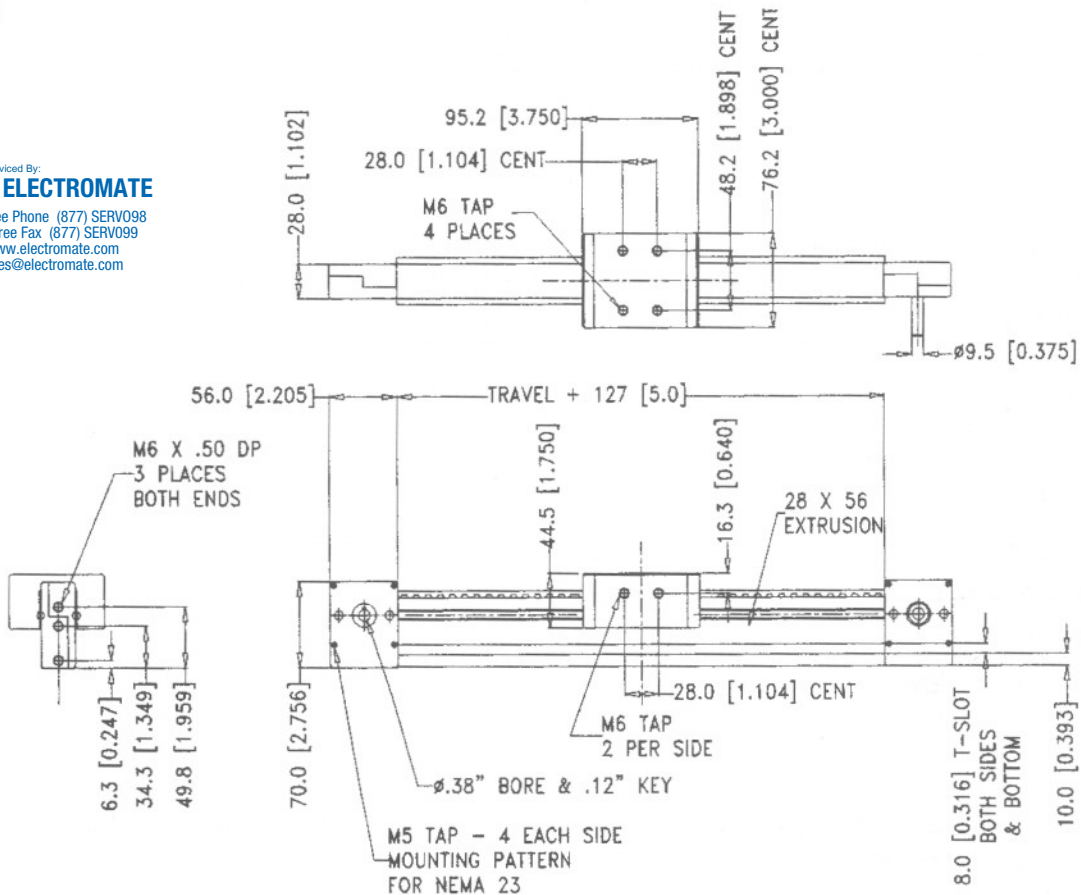
- Motor Mount Adapter
- NEMA 23 & 34 (standard)
- non-NEMA sizes (optional)

Optional

- Sensors
- Extra Cart
- Wrap-Around Cart (WAC)
- Bellows

Sold & Serviced By:

 Toll Free Phone (877) SERV098
 Toll Free Fax (877) SERV099
 www.electromate.com
 sales@electromate.com




MACRON MINI 6 - 28 LINEAR ACTUATOR

TECHNICAL DATA

Specifications:

| | | |
|------------------------|--|--|
| Repeatability | | +/- 0.001 in |
| Linear Accuracy | | +/- 0.003 in per 36 in |
| Breakaway Torque | | 8 - 10 oz-in |
| Belt Tensile Limit | | 250 lbs |
| Belt Running Load | | 0 - 50 lbs |
| Travel/Revolution | | 105 mm/rev (4.134 in/rev) |
| Pulley Diameter | | 33.43 mm (1.316 in) |
| Pulley Weight (each) | | 3.3 oz |
| Maximum Speed | | 200 in/sec |
| Acceleration Exceeding | | 5 G's |
| Motor Mount/Coupling | | NEMA 23, 34 (standard), non-NEMA sizes (optional) |

Shipping Weight

| | | |
|--|--|--------|
| First meter of travel | | 10 lbs |
| Additional  ELECTROMATE | | 4 lbs |

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Load Capacities

| | | |
|--------------------|--|----------------------------|
| Dynamic Horizontal | | To Customer Specifications |
| Static Horizontal | | To Customer Specifications |

Inertia Calculation

| ~ W values of actuators | weight | inertia |
|----------------------------------|-------------|-----------------------------|
| ~ weight of cart & hardware | 1.156 lbs | 0.501 lbs - in ² |
| ~ weight of belt/meter of travel | 0.213 lbs/m | 0.092 lbs - in ² |
| ~ weight of (two) pulleys | 0.212 lbs | 0.046 lbs - in ² |

For Multi-Axis Units and other specifications not listed, contact your local Distributor or Macron for Engineering Design assistance and quotations.