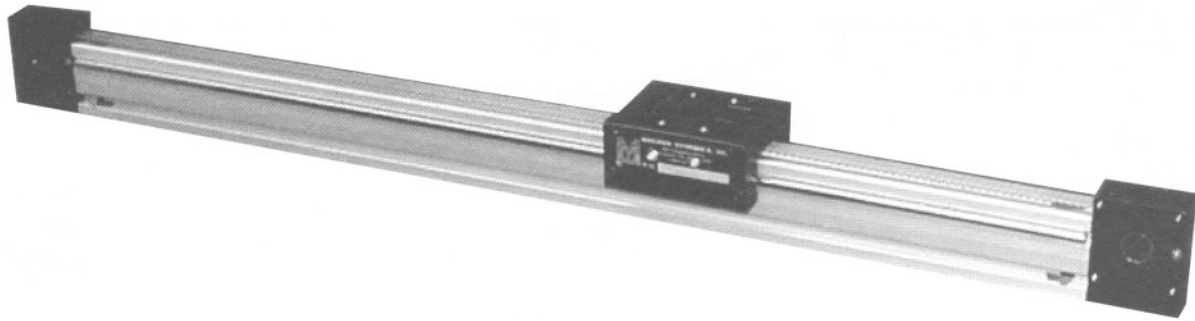


# MACRON MINI 6 - 28 LINEAR ACTUATOR



## Features

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

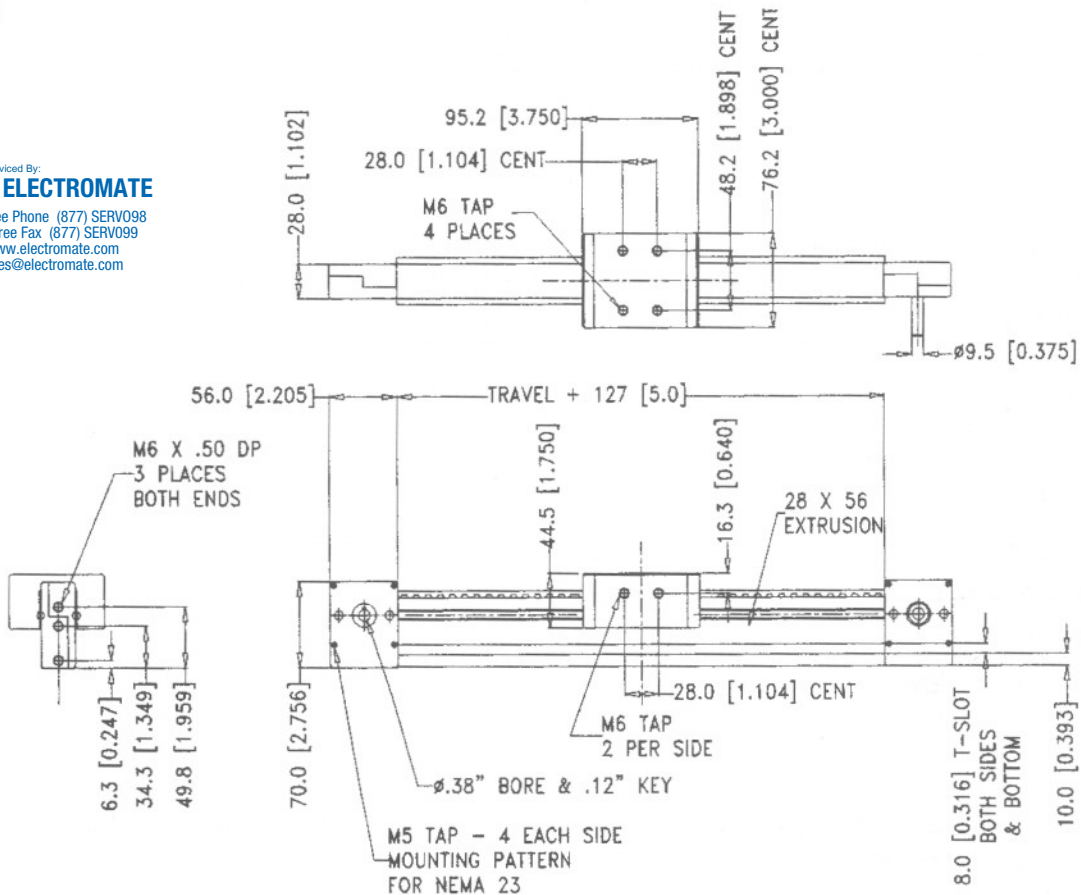
## Motor Mounting (See Page 24)

- 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  meter of travel		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 <sup>2</sup>
~ weight of belt/meter of travel	0.213 lbs/m	0.092 lbs - in <sup>2</sup>
~ weight of (two) pulleys	0.212 lbs	0.046 lbs - in <sup>2</sup>

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