

# HANBAY

Laboratory  
Automation

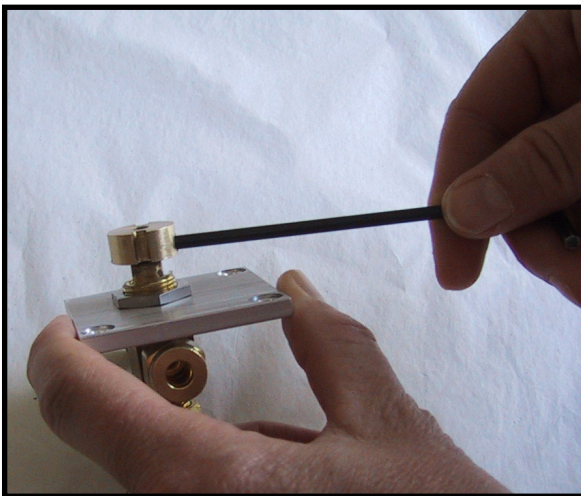
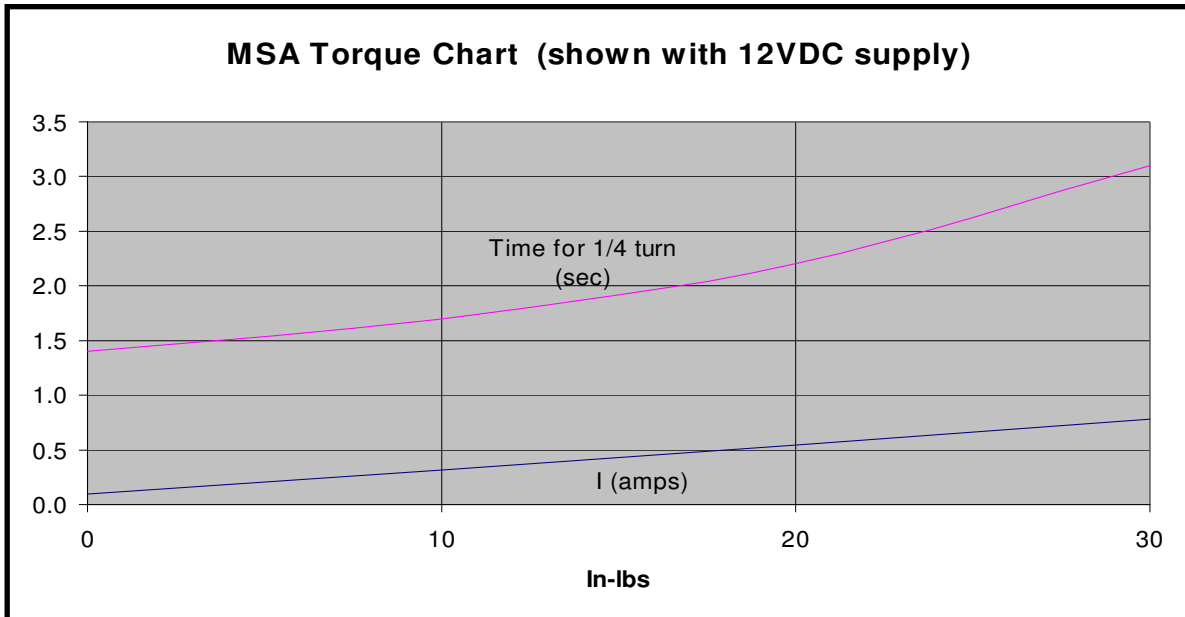
## MSA Miniature Electric Actuators



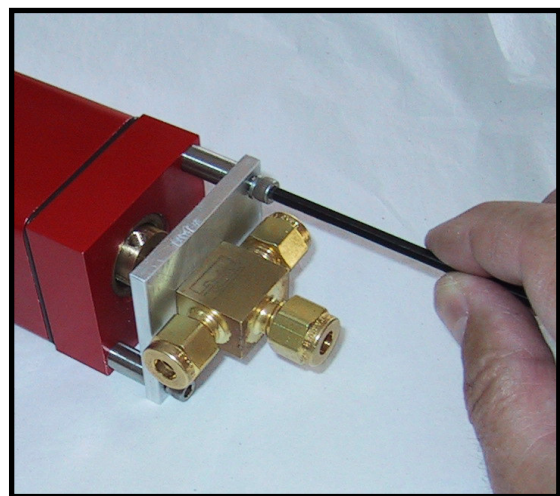
- **Electric Actuator**
- **Temperature range  
“automotive”  
-40 to +100 deg cel  
(-40 to +212 deg F)**
- **Small size**
- **1.1 lbs weight**
- **2 Position 1/4 Turn  
or 2 Position 1/2 Turn**
- **AC / DC 12-48V  
or 12 VDC**
- **High Accuracy**
- **TTL Signal Level**
- **High Torque**
- **Ideal for small valves**
- **Simple valve mounting**

### MSA01

**Shown 1 : 1 Scale  
with 1/4 ” 3 way valve**



Mounting the  
Valve lever



Mounting assembly  
to actuator

## How to order:

Call us directly at:

Or call our authorized distributor at:

Hanbay Inc.  
8 Woodland Ave  
Beaconsfield PQ  
H9W 4V9 CANADA

Phone: 514 426 1989  
Toll Free: 800 315 4461  
Fax: 514 426 9834