

## 12 Volt DC Heavy Duty Linear Actuators with Limit Switches

- Brand new Glideforce actuators with fixed limit switches at both ends to stop the motor at the end of travel. Permanent magnet motor with overload clutch. IP65 rated for water and dust protection. 25% duty cycle. 1/2" dia. pin holes at each end.

### Acme Drive w/Limit Switches

500 lb. Capacity

ITEM	Model	Retracted.		Size	Shpg.	Price
		Stroke	Lgth.			
5-1916-4	10A122004.1	4"	14.1"	15.13" x 3.04" x 5.97"	10 lbs.	\$305.85
5-1916-6	10A122006.1	6"	16.1"	17.14" x3.04" x 5.97"	12 lbs.	\$308.80
5-1916-8	10A122008.1	8"	18.1"	19.11" x 3.04" x 5.97"	14 lbs.	\$311.80
5-1916-12	10A122012.1	12"	20.1"	25.13" x 3.04" x 5.97"	17 lbs.	\$317.70
5-1916-18	10A122018.1	18"	30.1"	31.12" x 3.04" x 5.97"	18 lbs.	\$339.85
5-1916-24	10A122024.1	24"	36.1"	37.14" x 3.04" x 5.97"	20 lbs.	\$345.80

### Ball Screw Drive w/Limit Switches IP65

1000 lb. Capacity

Retracted.						
ITEM	Model	Stroke	Lgth.	Size	Shpg.	Price
5-1917-4	10B122004.1	4"	15.7"	16.71" x 3.04" x 5.97"	10 lbs.	\$403.45
5-1917-6	10B122006.1	6"	17.7"	18.72" x 3.04" x 5.97"	12 lbs.	\$406.40
5-1917-8	10B122008.1	8"	19.7"	20.72" x 3.04" x 5.97"	14 lbs.	\$409.40
5-1917-12	10B122012.1	12"	26.8"	27.77" x 3.04" x 5.97"	17 lbs.	\$418.25
5-1917-18	10B122018.1	18"	32.8"	33.75" x 3.04" x 5.97"	20 lbs.	\$447.85
5-1917-24	10B122024.1	24"	38.8"	39.78" x 3.04" x 5.97"	22 lbs.	\$462.60

### High Performance Faster Speed

### Ball Screw w/Limit Switches IP65

1000 lb. Capacity

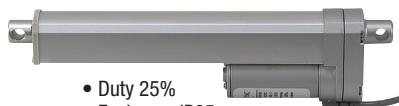
ITEM	Model	Stroke	Retracted.		Shpg.	Price
			Lgth.	Size		
5-1918-4	GF17-121004-1-65	4"	15.7"	16.71" x 3.04" x 5.97"	10 lbs.	\$410.85
5-1918-6	GF17-121006-1-65	6"	17.7"	18.72" x 3.04" x 5.97"	12 lbs.	\$413.80
5-1918-8	GF17-121008-1-65	8"	19.7"	20.72" x 3.04" x 5.97"	14 lbs.	\$416.80
5-1918-12	GF17-121012-1-65	12"	26.8"	27.77" x 3.04" x 5.97"	17 lbs.	\$425.65
5-1918-18	GF17-121018-1-65	18"	32.8"	33.75" x 3.04" x 5.97"	20 lbs.	\$455.20
5-1918-24	GF17-121024-1-65	24"	38.8"	39.78" x 3.04" x 5.97"	22 lbs.	\$470.00

## 12 VDC 225 lb. Linear Actuators

- Brand new, CONCENTRIC INTERNATIONAL model MD12 medium-duty linear actuators. Simple two wire hookup. Metal housing is water resistant and sealed against dust. Permanent magnet motor. Preset limit switches at both ends of stroke.

#### SPECIFICATIONS

- Voltage 12 VDC
- Push/Pull Rating: Dynamic 225 lbs. max
- Extension Speed: No Load 0.58 in/sec  
Max Load 0.41 in/sec
- Amps: No Load 0.5  
Full Load 4.25
- Operational Temperature Range: -13° F to +149° F



- Duty 25%
- Enclosure IP65
- Pin Holes 10mm (0.394")
- Shaft Dia. 20mm (0.787")

Item	Model	Stroke	Retracted Lgth.	Size	Shpg.	Price
5-1896-4	MD122004	100mm (3.93")	8.07"	224mm x 87mm x 45mm	5 lbs.	\$176.75
5-1896-6	MD122006	155mm (5.91")	10.04"	274mm x 87mm x 45mm	5 lbs.	\$181.75
5-1896-8	MC122008	200mm (7.87")	12.01"	324mm x 87mm x 45mm	5 lbs.	\$185.05
5-1896-10	MD122010	250mm (9.84")	13.98"	374mm x 87mm x 45mm	5 lbs.	\$188.40
5-1896-12	MC122012	300mm (11.81")	15.94"	424mm x 87mm x 45mm	5 lbs.	\$190.40

### Linear Actuator Mounting Bracket

ITEM 5-1896-B

\$25.50

- Brand new, GLIDEFORCE steel mounting bracket kit for use with 5-1896 series linear actuators. Includes mounting hardware. Sold individually, order 2 kits per actuator.

#### SPECIFICATIONS

- Inside Clevis Width 13/16"
- Outside Clevis Width 15/16"
- Throat Depth 1 1/4"
- Actuator Mount Pin Size 10mm (0.394")
- Base Mount Bolt Spacing 1 1/8"
- Size 2" x 1 1/16" x 1 1/16"
- Shpg. 1 lb.



### Linear Actuator Mounting Bracket Kit

ITEM 5-1896-BA

- New, GLIDEFORCE Aluminum mounting bracket kit for use with 5-1896 series linear actuators. Includes mounting hardware. Sold individually, order 2 kits per actuator.

#### SPECIFICATIONS

- Inside Clevis Width 13/16"
- Outside Clevis Width 2"
- Throat Depth 7/16"
- Actuator Mount Pin Size 10mm (0.394")
- Base Mount Bolt Spacing 1 1/8"
- Size 2" x 2" x 2"
- Shpg. 1/4 lb.



#### SPECIFICATIONS FOR 500 lb.

- ACME screw drive
- Push/Pull 500 lb. dynamic load
- Gear Ratio 20:1
- Extension rate Unloaded 0.66"/sec. Loaded 0.56"/sec
- Current draw Unloaded 2.6 amps Loaded 13.2 amps



#### SPECIFICATIONS FOR 1000 lb.

- Ball screw drive
- Push/Pull 1000 lb. dynamic load
- Gear Ratio 20:1
- Extension rate Unloaded 0.66"/sec. Loaded 0.56"/sec
- Current draw Unloaded 2.6 amps Loaded 13.2 amps



#### SPECIFICATIONS FOR 1000 lb. High Speed

- Ball screw drive
- Push/Pull 1000 lb. dynamic load
- Gear Ratio 10:1
- Extension rate Unloaded 1.5"/sec. Loaded 1.1"/sec
- Current draw Unloaded 3.6 amps Loaded 26.6 amps

## 12 VDC Linear Actuators



ITEM 5-1761-R

ITEM 5-1762-L

\$14.95 each

- New, linear actuator originally made for use in electric automotive seats. No clutch or limit switches. Permanent magnet type motor. Traveling nut has 7/8" wrench flats. Output is when viewed from motor end with output shaft above motor centerline.

#### SPECIFICATIONS

- Voltage 12 VDC
- Amps 1.5 no load
- Travel 2 1/4"
- Extension time 6 seconds full travel
- Rotation reversible
- Fully enclosed
- Duty intermittent
- Mount 1/4" clevis, 3/8" between ears
- Shaft 7/16"-8 ACME thread w/M6x1 LH at end
- Overall size 6" x 2 1/2" x 5 1/2"
- Shpg. 3 lbs.

ITEM 5-1761-R

Right hand output

ITEM 5-1761-L

Left hand output

ITEM 5-1762-R

Right hand output

ITEM 5-1762-L

Left hand output

- Same as ITEM 5-1761-R with auxiliary socket for 1/8" cable drive out rear of motor.