

**500 RPM, 12 VDC Gearmotor**



ITEM 5-1816  
**\$15.95**

• New, permanent magnet, right angle, worm gear reduction gearmotor. Built for seat back adjustment in vehicles. Cast aluminum gear housing with steel motor frame. Hollow square thru-drive output shaft. Two bolt rubber isolation mount. Two pin male integral Packard Power Connection.

**SPECIFICATIONS**

- Speed 500 RPM no load
- Speed 220 RPM at rated torque
- Voltage 12 DC
- Amperage 22 Amps at rated torque
- Torque 16 in-lbs
- Rotation reversible
- Duty intermittent
- Enclosure TENV
- Mount 3/8" dia. two bolt on 2.2" centers
- Hollow thru-shaft 5/32" (4 mm)
- Size 5 1/2" x 3 1/8" x 2 1/2"
- Shpg. 3 lbs.

**500 RPM, 12 VDC Gearmotor**



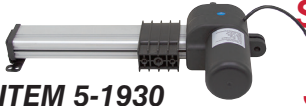
ITEM 5-1754  
**\$9.99**

• New, permanent magnet, right angle gearmotor. Cast aluminum gear housing with steel motor frame. Hollow square thru-drive output shaft. Two bolt rubber isolation mount.

**SPECIFICATIONS**

- Speed: 500 RPM no load 250 RPM at rated torque
- Voltage 12 DC
- Amperage 16 Amps
- Torque 8.5 in-lbs
- Rotation reversible
- Duty intermittent
- Enclosure TENV
- Mount 3/8" dia. two bolt on 2.2" centers
- Hollow thru-shaft 5/32" (4 mm)
- Size 5 1/2" x 3 1/8" x 2 1/2"
- Shpg. 3 lbs.

**8" Stroke 12 VDC 150 LB. Linear Actuator w/ Limit Switches**



ITEM 5-1930  
**\$69.95**

• New, PROGRESSIVE AUTOMOTIONS model PA-18 linear actuator. Linear track sliding block motion design for applications with fixed mounting points. ACME screw drive. Limit switches at each end of travel.

**SPECIFICATIONS**

- Stroke 8"
- Voltage 12 DC
- Push/Pull Rating Dynamic 150 lbs. max
- Extension Speed: No Load 1.50 in/sec Max Load 0.98 in/sec
- Amps: No Load 2.5 Full Load 8.0
- Duty 20%
- Base End Clevis Pin Hole 0.400"
- Enclosure IP20
- Rod End Bracket Mount Four 0.260" holes
- Sliding Block Mount 1 tapped hole M10-1.5 and 2 tapped holes M6-1.0 on each side
- Sliding Block Dimensions 2.60" x 1.780"
- Retracted Length Base to Mounting Block Center 5.875"
- Mounting Holes Length 15.68"
- Size 17 1/8" x 7 1/4" x 3 3/8"
- Shpg. 7 lbs.

**44 RPM, 6 VDC Gearmotor**



ITEM 5-1782  
**\$8.95**

• New, BUEHLER Model 1.61.065.305 inline permanent magnet design. Very compact and powerful.

**SPECIFICATIONS**

- Voltage 6 DC
- Amperage 280 mA (no load)
- Speed 44 RPM (no load)
- Performance 34 RPM w/1.3 in.lb. torque 0.28 amps
- Rotation Reversible
- Enclosure TENV
- Duty Continuous
- Mount 3 tapped holes on face
- Shaft 2.5mm dia. x 10mm w/flat
- Size 29mm x 40mm x 28mm
- Shpg. 1 lb.

**37 RPM 90 VDC Gear Motor**



ITEM 5-1936  
**\$89.95**

• New, BISON, model EP-16535-1. Inline permanent magnet gearmotor. Externally accessible brushes.

**SPECIFICATIONS**

- Speed 37 RPM
- Voltage 90 DC
- Amperage 0.62
- Power 1/20 HP
- Torque 74 in.lbs.
- Gear Ratio 49:1
- Rotation Reversible
- Duty Continuous
- Enclosure TENV
- Mount 4 holes #10-24 TPI on face (2 5/8" sq.)
- Shaft 5/16" dia. x 3/4" w/ flat
- Size 8 3/4" x 3 5/8" x 3 5/8"
- Shpg. 8.2 lbs.

**1080 RPM 12 VDC Gearmotor**



ITEM 5-1904  
**\$8.95**

• New, GLOBE MOTORS model 415A431 compact inline gearmotor. Operates on 12-24 VDC.

**SPECIFICATIONS**

- Speed 1080 RPM (no load)
- Voltage 24 DC
- Amperage 0.07 A (no load)
- Torque 8 in.oz.
- Gear Ratio 6.3:1
- Rotation Reversible
- Duty Continuous
- Mount 3 holes on face M3
- Shaft 0.186" dia. x 0.69" w/flat
- Size 1.375" dia. x 2.75"
- Shpg. 1/2 lb.

**140 RPM 4.5 VDC Gearmotor**



ITEM 5-1795  
**\$9.95**

• New, SOURCE ENGINEERING inline permanent magnet gearmotor. Low voltage and compact size.

**SPECIFICATIONS**

- Speed 140 RPM
- Voltage 4.5 DC
- Amperage 0.21 Amps
- Torque 12 in. oz.
- Rotation reversible
- Duty continuous
- Mount four M3 holes face
- Shaft 6mm dia. x 15mm w/flat
- Size 2 1/4" dia. x 1 1/2"
- Shpg. 1 lb.

**Toy Car Drive Gearmotors**

• New Take-Offs, gearmotor made for use in kid's vehicles. High output torque. Output is 2 1/2" diameter 6 lug wheel drive hub that rotates around a fixed center spindle with an inside hole for axle. Comes in white, black, red, blue and pink.



ITEM 5-1898-W  
ITEM 5-1898-BK  
ITEM 5-1898-R  
ITEM 5-1898-B  
ITEM 5-1898-P  
**\$9.99**

ITEM 5-1897-L  
ITEM 5-1897-R  
**\$12.99**

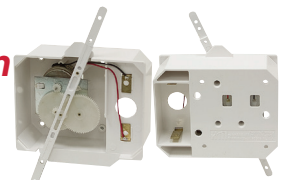
**SPECIFICATIONS**

- Speed 70 RPM
- Voltage 12 VDC
- Amperage 0.7 Amps no load
- Rotation Reversible
- Duty Intermittent
- Shaft 2 1/2" diameter 6 lug hub
- Spindle Bore 3/8"
- Size 6 1/2" x 3 5/8" x 3"
- Shpg. 2 lbs

**SPECIFICATIONS**

- Speed 75 RPM no load
- Voltage 12 VDC
- Amperage 1.2 Amps no load
- Rotation Reversible
- Duty Intermittent
- Shaft 2 1/2" diameter 6 lug hub
- Spindle Bore 1/2"
- Size 7 3/8" x 4 1/4" x 3 3/8"
- Shpg. 3 lbs

**1.5 VDC Animation Motor**



ITEM 5-1692  
**\$3.99**

• New, HANKSCRAFT MOTORS, battery operated motor with gear reduction driving a pivoting arm. Holes to mount hanging lightweight objects at each end of arm. Great for animation. Low torque output. Should be mounted flat. Operates on 1 D cell battery. Geartrain and battery exposed, no power switch (runs when battery is in place).

**SPECIFICATIONS**

- Voltage 1.5 VDC
- Cycles/minute 33
- Arm length. 7 5/8"
- Rotation reversible
- Arm rotation 45°
- Arm travel 3 3/8" side 1 1 5/8" side 2
- Size 4 3/4" x 4 5/8" x 1 7/8"
- Shpg. 1/2 lb.