

**500 RPM, 12 VDC Gearmotor****ITEM 500831****\$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  $\frac{3}{8}$ " dia. two bolt on 2.2" centers
- Hollow thru-shaft  $\frac{5}{32}$ " (4 mm)
- Size  $5\frac{1}{2}$ " x  $3\frac{1}{8}$ " x  $2\frac{1}{2}$ "
- **Shpg. 3 lbs.**

**500 RPM, 12 VDC Gearmotor****ITEM 500658****\$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  $\frac{3}{8}$ " dia. two bolt on 2.2" centers
- Hollow thru-shaft  $\frac{5}{32}$ " (4 mm)
- Size  $5\frac{1}{2}$ " x  $3\frac{1}{8}$ " x  $2\frac{1}{2}$ "
- **Shpg. 3 lbs.**

**Toy Car Drive Gearmotors**

- New Take-Offs, gearmotor made for use in kid's vehicles. High output torque. Output is  $2\frac{1}{2}$ " 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 501110** white**ITEM 501111** black**ITEM 501109** red**ITEM 501113** blue**ITEM 501112** pink**\$9.99****SPECIFICATIONS**

- Speed 70 RPM
- Voltage 12 VDC
- Amperage 0.7 Amps no load
- Rotation Reversible

- Duty Intermittent
- Shaft  $2\frac{1}{2}$ " diameter 6 lug hub
- Spindle Bore  $\frac{3}{8}$ "
- Size  $6\frac{1}{2}$ " x  $3\frac{3}{8}$ " x 3"
- **Shpg. 2 lbs**

**8" Stroke 12 VDC 150 LB. Linear Actuator w/ Limit Switches****ITEM 501457****\$59.95**

- 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**

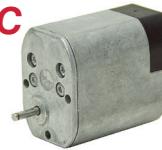
- Stroke 8"
- Voltage 12 DC
- Push/Pull Rating Dynamic 150 lbs. max
- Mount  $\frac{3}{8}$ " dia. two bolt on 2.2" centers
- Hollow thru-shaft  $\frac{5}{32}$ " (4 mm)
- Size  $5\frac{1}{2}$ " x  $3\frac{1}{8}$ " x  $2\frac{1}{2}$ "
- **Shpg. 3 lbs.**
- Rod End Bracket Mount Four 0.260" holes
- Sliding 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  $17\frac{1}{8}$ " x  $7\frac{1}{4}$ " x  $3\frac{3}{8}$ "
- **Shpg. 7 lbs.**

**44 RPM, 6 VDC Gearmotor****ITEM 500740****\$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.**

**ITEM 501107****ITEM 501108****\$12.99****SPECIFICATIONS**

- Speed 75 RPM no load
- Voltage 12 VDC
- Amperage 1.2 Amps no load
- Rotation Reversible
- Duty Intermittent
- Shaft  $2\frac{1}{2}$ " diameter 6 lug hub
- Spindle Bore  $\frac{1}{2}$ "
- Size  $7\frac{3}{8}$ " x  $4\frac{1}{4}$ " x  $3\frac{5}{8}$ "
- **Shpg. 3 lbs**

**37 RPM 90 VDC Gear Motor****ITEM 501490****\$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  $\frac{1}{20}$  HP
- Torque 74 in.lbs.
- Gear Ratio 49:1
- Rotation Reversible
- Duty Continuous
- Enclosure TENV
- Mount 4 holes #10-24 TPI on face ( $2\frac{5}{8}$ " sq.)
- Shaft  $\frac{5}{16}$ " dia. x  $\frac{3}{4}$ " w/ flat
- Size  $8\frac{3}{8}$ " x  $3\frac{3}{8}$ " x  $3\frac{5}{8}$ "
- **Shpg. 8.2 lbs.**

**1080 RPM****12 VDC****Gearmotor****ITEM 501290****\$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 500763****\$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  $2\frac{1}{4}$ " dia. x  $1\frac{1}{2}$ "
- **Shpg. 1 lb.**

**1.5 VDC****Animation****Motor****ITEM 500607****\$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  $7\frac{5}{8}$ "
- Rotation reversible
- Arm rotation  $45^\circ$
- Arm travel  $3\frac{3}{8}$ " side 1
- $1\frac{5}{8}$ " side 2
- Size  $4\frac{3}{4}$ " x  $4\frac{5}{8}$ " x  $1\frac{7}{8}$ "
- **Shpg. 1/2 lb.**