

Reversible Gear Head & Specialty Gear Motors

3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **SPECIAL BUY**

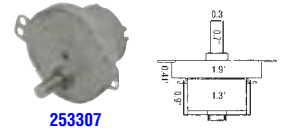
JAMECO ReliaPro 6, 12 & 24VDC Reversible Gear Head Motors

• Solder-type terminal • High torque construction • Dielectric strength: 300VDC • Insulation resistance: 10MΩ • Oil bearing design for long service life

* Web Code: KBB

32GM Series

| Part No. | Mfr. Part No. | Rated Voltage (VDC) | @ Maximum Efficiency | | | Gear Ratio | Gear Case Size Dia. x Height (in.) | Motor Size Dia. x Depth (in.) | Shaft Size Dia. x Length (in.) | Pricing | | |
|----------|---------------|---------------------|----------------------|--------------|---------------|------------|------------------------------------|-------------------------------|--------------------------------|---------|---------|---------|
| | | | Speed (RPM) | Current (mA) | Torque (g-cm) | | | | | 1 | 5 | 25 |
| 2146505 | B32-6V3.1RPM | 6 | 2 | 90 | 7350 | 340:1 | 1.9 x 0.41 | 1.3 x 0.9 | .28 x .87 | \$14.95 | \$13.95 | \$12.95 |
| 253307 | B32-6V9RPM | 6 | 8 | 38 | 1200 | 150:1 | 1.9 x 0.41 | 1.3 x 0.9 | .30 x .70 | 14.95 | 12.95 | 10.95 |

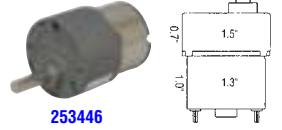


253307

32GM Series

38GM Series

| Part No. | Mfr. Part No. | Rated Voltage (VDC) | Operating Range (RPM) | @ Maximum Efficiency | | | Gear Ratio | Gear Case Size Dia. x Height (in.) | Motor Size Dia. x Depth (in.) | Shaft Size Dia. x Length (in.) | Pricing | | |
|----------|---------------|---------------------|-----------------------|----------------------|--------------|---------------|------------|------------------------------------|-------------------------------|--------------------------------|---------|---------|----|
| | | | | Speed (RPM) | Current (mA) | Torque (g-cm) | | | | | 1 | 5 | 25 |
| 253534 | 38-010 | 12 | 24 | 97 | 7500 | 250:1 | 1.46 x 1.0 | 1.3 x 0.9 | .24 x .50 | \$16.95 | \$14.95 | \$13.49 | |
| 253518 | 38-008 | 12 | 40 | 87.5 | 4800 | 150:1 | 1.46 x 1.0 | 1.3 x 0.9 | .24 x .50 | 16.95 | 14.95 | 13.49 | |
| 253500 | 38-007 | 12 | 66 | 80 | 3200 | 100:1 | 1.46 x 0.7 | 1.3 x 0.9 | .24 x .50 | 17.95 | 15.95 | 13.95 | |
| 253489 | 38-005 | 12 | 104 | 220 | 600 | 56:1 | 1.46 x 0.7 | 1.3 x 0.9 | .24 x .50 | 14.95 | 13.49 | 11.95 | |
| 253471 | 38-004 | 12 | 115 | 220 | 600 | 50:1 | 1.46 x 0.7 | 1.3 x 0.9 | .24 x .50 | 15.95 | 14.49 | 12.95 | |
| 253446 | 38-001 | 12 | 600 | 61.8 | 350 | 10:1 | 1.46 x 0.7 | 1.3 x 0.9 | .24 x .50 | 16.95 | 15.95 | 14.95 | |



253446

38GM Series

Nichibo Gear Head Motor

| | | | | | | | | | | | | |
|---------|--------------|----|------|-----|-------|-------|-------------|-----------|-----------|--------|--------|--------|
| 2197476 | MD3B-14280-R | 12 | 5214 | 327 | 42.89 | 180:1 | 1.45 x 1.06 | 1.1 x 1.3 | .24 x .30 | \$3.95 | \$3.59 | \$3.29 |
|---------|--------------|----|------|-----|-------|-------|-------------|-----------|-----------|--------|--------|--------|

HN27GD Series

| Part No. | Mfr. Part No. | Rated Voltage (VDC) | Operating Range (VDC) | @ Maximum Efficiency | | | Gear Ratio | Gear Case Size Dia. x Length (in.) | Motor Size Dia. x Depth (in.) | Shaft Size Dia. x Length (in.) | Pricing | | |
|----------|---------------|---------------------|-----------------------|----------------------|--------------|---------------|------------|------------------------------------|-------------------------------|--------------------------------|---------|---------|---------|
| | | | | Speed (RPM) | Current (mA) | Torque (g-cm) | | | | | 1 | 5 | 25 |
| 167039 | GH12-0953Y | 12 | 4.5 - 24 | 9 | 90 | 1200 | 188:1 | 1.1 x 1.0 | 1.0 x 0.9 | .16 x .43 | \$17.95 | \$15.95 | \$14.49 |



167039

HN27GD Series

GH30GM Series

| | | | | | | | | | | | | | |
|--------|-----------------|----|----------|-----|-----|-----|-------|-----------|-----------|-----------|---------|---------|---------|
| 153438 | HN-GH12-1045Y-R | 12 | 3.0 - 12 | 13 | 96 | 800 | 200:1 | 1.1 x 0.6 | 0.9 x 1.0 | .16 x .57 | \$15.95 | \$14.49 | \$12.95 |
| 162191 | HNGH12-1324Y-R | 12 | 4.5 - 12 | 190 | 145 | 300 | 30:1 | 1.1 x 0.6 | 1.0 x 0.9 | .16 x .57 | 17.95 | 15.95 | 14.49 |



153438

GH30GM Series

GH35GM Series Plastic Gears

| | | | | | | | | | | | | | |
|--------|--------------|----|----------|-----|-----|------|--------|------------|-----------|-----------|---------|---------|---------|
| 155012 | GH12-1926 | 12 | 4.5 - 12 | 1.3 | 66 | 6000 | 3000:1 | 1.4 x 1.0 | 1.3 x 1.0 | .23 x .70 | \$21.95 | \$20.95 | \$19.95 |
| 155821 | GH12-1830Y-P | 12 | 4.5 - 12 | 3 | 76 | 4500 | 1000:1 | 1.4 x 0.9 | 1.3 x 1.0 | .23 x .70 | 24.95 | 22.49 | 19.95 |
| 155839 | GH12-1641T-L | 12 | 3.0 - 12 | 17 | 141 | 3000 | 270:1 | 1.4 x 0.75 | 1.3 x 1.0 | .23 x .70 | 25.95 | 23.49 | 20.95 |
| 152911 | GH12-1926Y | 12 | 4.5 - 12 | 40 | 206 | 2370 | 100:1 | 1.4 x 0.6 | 1.3 x 1.2 | .24 x .90 | 24.95 | 22.49 | 19.95 |
| 161382 | GH12-1634T | 12 | 4.5 - 12 | 160 | 306 | 850 | 30:1 | 1.4 x 0.6 | 1.3 x 1.0 | .23 x .70 | 25.95 | 23.49 | 20.95 |
| 164786 | GH12-1640Y | 12 | 4.5 - 24 | 222 | 166 | 300 | 10:1 | 1.4 x 0.6 | 1.3 x 1.0 | .23 x .70 | 24.95 | 22.49 | 19.95 |
| 176050 | GH12-1640Y00 | 24 | 12 - 24 | 1.7 | 71 | 6000 | 3000:1 | 1.4 x 0.6 | 1.3 x 1.0 | .23 x .70 | 24.95 | 22.49 | 19.95 |



155012

GH35GM Series

GH35GM Series Metal Gears

| | | | | | | | | | | | | | |
|---------|-------------------|----|-----------|-----|-----|------|--------|-----------|-----------|-----------|---------|---------|---------|
| 2150491 | RS003A† | 6 | 2.0 - 7.5 | 133 | 350 | 8800 | 75:1 | .98 x 0.9 | .97 x 1.2 | .16 x .38 | \$12.95 | \$11.95 | \$10.95 |
| 2150504 | RS003B† | 6 | 2.0 - 7.5 | 293 | 350 | 4000 | 34:1 | .98 x .83 | .96 x 1.2 | .16 x .38 | 12.95 | 11.95 | 10.95 |
| 155013 | HN-GH121926Y-R | 12 | 4.5 - 12 | 2 | 250 | 6000 | 3000:1 | 1.3 x 0.9 | 1.5 x 1.1 | .23 x .90 | 24.95 | 22.95 | 19.95 |
| 155822 | GH12-1830Y-P-R-M | 12 | 4.5 - 12 | 4.5 | 250 | 4500 | 1000:1 | 1.3 x 0.9 | 1.5 x 1.0 | .23 x .90 | 21.95 | 19.95 | 17.95 |
| 151442 | HN-GH12-1632T-R-M | 12 | 4.5 - 12 | 57 | 275 | 2200 | 100:1 | 1.3 x 0.9 | 1.5 x 0.7 | .23 x .90 | 23.95 | 21.49 | 19.49 |



2150491/2150504

GH35GM Series

† Manufacturer: Dagu



JAMECO ReliaPro

Pololu Robotics & Electronics



Specialty Gear Motors



| Part No. | Mfr. | Product No. | Rated Voltage | Operating Range | Speed (RPM) | Current (mA) | Torque (g-cm) | Gear Ratio | Size (L" x W" x H") | Shaft Size Dia. x Length (in.) | Special Feature | Pricing | | |
|----------|-------------|-------------|---------------|-----------------|-------------|--------------|---------------|------------|---------------------|--------------------------------|----------------------------------|---------|--------|--------|
| | | | | | | | | | | | | 1 | 5 | 25 |
| 2150432 | Dagu | DG01D | 4.5 VDC | 4.5 VDC | 90 | 190 | 800 | — | 2.5 x 1.5 x 0.9 | 0.21 x 0.31 | Motor pair with 90° shaft | \$7.95 | \$6.95 | \$5.95 |
| 2260834 | Dagu | DG01D* | 4.5 VDC | 4.5 VDC | 90 | 190 | 800 | — | 2.5 x 1.5 x 0.9 | 0.21 x 0.31 | Motor pair with 90° shaft | 8.95 | 7.95 | 6.95 |
| 400995 | Solarbotics | GM8 | 6 VDC | 3-6 VDC | 78 | 57 | 5500 | 143 | 2.17 x 1.89 x 0.91 | 0.28 x 0.20 | Offset/inline plastic gear motor | 5.95 | 5.49 | 4.95 |
| 2128219 | Pololu | 1101 | 6 VDC | 6 VDC | 320 | 80 | 2200 | 100 | 0.94 x 0.39 x 0.47 | 0.12 x 0.35 | Mini Gear motor | 14.95 | 13.95 | 12.95 |
| 2235081 | Maxon | 2-11945 | 12 VDC | 3-18 VDC | 107 | 10 | 130 | 131 | 2.52 x 0.87 x 0.87 | 0.087 x 0.43 | Mini Gear motor | 9.95 | 8.95 | 7.95 |
| 2238101 | Pololu | 2827 | 12 VDC | 6-12 VDC | 80 | 250 | 18000 | 131 | 2.71 x 1.45 x 1.45 | 0.24 x 0.52 | 64 CPR encoder | 34.95 | 32.95 | 29.95 |
| 213488 | ReliaPro | 50TYZ-R | 120 VAC | 100-120 VAC | 6 | 40 | 6700 | — | 2.0 x 2.0 x 1.0 | 0.28 x 0.52 | Clockwise rotation | 12.95 | 11.49 | 9.95 |

* With 6" leads and crimp pins

HURST AC Synchronous Motor

- Uses 4µF 100V non-polarized capacitor (not included)
- Voltage: 24VAC & 50/60Hz • Speed: 250/300RPM
- Sleeve bearing • Operating temp.: -10°C to +40°C
- 4" x 3" wire leads with connector



| Part No. | Mfr. Part No. | Torque | 1 | 10 | 100 |
|----------|---------------|------------|--------|--------|--------|
| 2231638 | SP4023 | 2.3 oz-in. | \$8.95 | \$7.95 | \$6.95 |

NEW MARKED IN PINK

GRAB BAGS

- Motor voltages 1.5V to 24V
- Steel/aluminum spacers & standoffs

| Part No. | Description | No. of Pcs. | Wt. (lbs.) | 1 | 10 |
|----------|---------------------|-------------|------------|--------|--------|
| 18294 | Toy motors grab bag | 5 | 0.5 | \$7.95 | \$6.95 |
| 55968 | Hardware grab bag | 100 | 0.3 | 14.95 | 12.95 |