

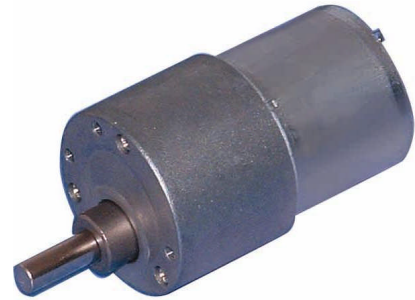
φ37mm

SPUR GEARHEAD (正齿轮箱) w/

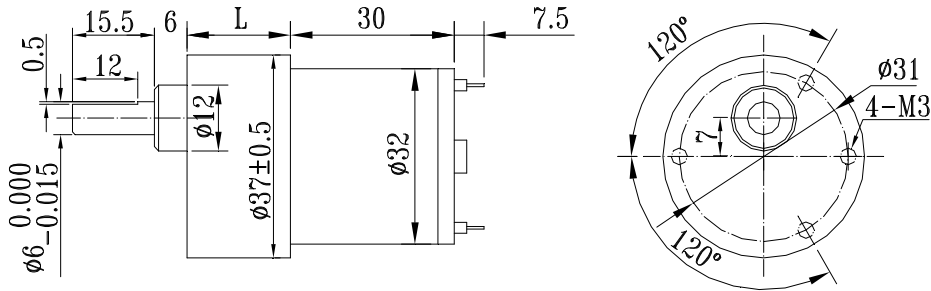
32ZYT PM DC MOTOR (永磁直流马达)

● GEARHEAD SPECIFICATIONS

| Gear Ratio | Stage | Eff. | Rated Load | Max. Load | Length |
|------------|-------|------|------------|-----------|--------|
| 减速比 | 级数 | 效率 | 额定负载 | 最大负载 | 长度 |
| 1:X | # | % | Kg.cm | Kg.cm | mm |
| 6 | 10 | 2 | 2 | 6 | 26 |
| 20 | 30 | 3 | 3 | 9 | 26 |
| 60 | 100 | 4 | 4 | 12 | 26 |
| 200 | 300 | 5 | 5 | 15 | 33.5 |
| 600 | 810 | 6 | 6 | 18 | 33.5 |
| 1800 | 2430 | 7 | 8 | 24 | 33.5 |



● DIMENSIONS



● MOTOR SPECIFICATIONS

| Model | Rated | No-load | | Rated | | | | Stall | Motor | |
|---------------|---------|---------|-------|---------|-------|--------|-------|--------|-------|--------|
| | Voltage | Current | Speed | Current | Speed | Torque | Power | Torque | Dia. | Length |
| | VDC | A | r/min | A | r/min | g.cm | W | g.cm | mm | mm |
| 32ZYT30-12-33 | 12 | 0.04 | 3300 | 0.17 | 2650 | 35 | 1.0 | 135 | 32 | 30 |
| 32ZYT30-12-45 | 12 | 0.04 | 4500 | 0.240 | 3400 | 40 | 1.4 | 168 | 32 | 30 |
| 32ZYT30-12-70 | 12 | 0.06 | 7000 | 0.480 | 5400 | 50 | 2.8 | 254 | 32 | 30 |
| 32ZYT30-24-30 | 24 | 0.015 | 3000 | 0.080 | 2050 | 50 | 1.1 | 155 | 32 | 30 |
| 32ZYT30-24-45 | 24 | 0.03 | 4500 | 0.140 | 3600 | 50 | 1.8 | 246 | 32 | 30 |
| 32ZYT30-24-60 | 24 | 0.04 | 6700 | 0.200 | 5700 | 50 | 2.9 | 254 | 32 | 30 |

● GEARMOTOR SPECIFICATIONS 37JB8KxxxG-Motor Model

(IN-LB) = 0.867313*X(Kg.cm)

| Volt. | Speed | Gear Ratio | | 6 | 10 | 20 | 30 | 60 | 100 | 200 | 300 | 600 | 810 | 1800 | 2430 |
|--------|-------|---------------------|--|------|------|------|------|-------|------|------|------|------|-----|------|------|
| | | Efficiency % | | 81 | 81 | 73 | 73 | 66 | 66 | 59 | 59 | 53 | 53 | 48 | 48 |
| 12 Vdc | 3300 | No-load speed (RPM) | | 550 | 330 | 165 | 110 | 55.0 | 33.0 | 16.5 | 11.0 | 5.5 | 4.1 | 1.8 | 1.4 |
| | | Rated speed (RPM) | | 442 | 265 | 133 | 88 | 44.2 | 26.5 | 13.3 | 8.8 | 4.4 | 3.3 | 1.5 | 1.1 |
| | | Rated load (Kg.cm) | | 0.17 | 0.28 | 0.51 | 0.77 | 1.4 | 2.3 | 4.1 | 5 | 6 | 6 | 8 | 8 |
| | 4500 | No-load speed (RPM) | | 750 | 450 | 225 | 150 | 75.0 | 45.0 | 22.5 | 15.0 | 7.5 | 5.6 | 2.5 | 1.9 |
| | | Rated speed (RPM) | | 567 | 340 | 170 | 113 | 56.7 | 34.0 | 17.0 | 11.3 | 5.7 | 4.2 | 1.9 | 1.4 |
| | | Rated load (Kg.cm) | | 0.19 | 0.32 | 0.58 | 0.88 | 1.6 | 2.6 | 4.7 | 5 | 6 | 6 | 8 | 8 |
| | 7000 | No-load speed (RPM) | | 1167 | 700 | 350 | 233 | 116.7 | 70.0 | 35.0 | 23.3 | 11.7 | 8.6 | 3.9 | 2.9 |
| | | Rated speed (RPM) | | 900 | 540 | 270 | 180 | 90.0 | 54.0 | 27.0 | 18.0 | 9.0 | 6.7 | 3.0 | 2.2 |
| | | Rated load (Kg.cm) | | 0.24 | 0.41 | 0.73 | 1.10 | 2.0 | 3.3 | 5 | 5 | 6 | 6 | 8 | 8 |
| 24 Vdc | 3000 | No-load speed (RPM) | | 500 | 300 | 150 | 100 | 50.0 | 30.0 | 15.0 | 10.0 | 5.0 | 3.7 | 1.7 | 1.2 |
| | | Rated speed (RPM) | | 342 | 205 | 103 | 68 | 34.2 | 20.5 | 10.3 | 6.8 | 3.4 | 2.5 | 1.1 | 0.8 |
| | | Rated load (Kg.cm) | | 0.24 | 0.41 | 0.73 | 1.10 | 2.0 | 3.3 | 5 | 5 | 6 | 6 | 8 | 8 |
| | 4500 | No-load speed (RPM) | | 750 | 450 | 225 | 150 | 75.0 | 45.0 | 22.5 | 15.0 | 7.5 | 5.6 | 2.5 | 1.9 |
| | | Rated speed (RPM) | | 600 | 360 | 180 | 120 | 60.0 | 36.0 | 18.0 | 12.0 | 6.0 | 4.4 | 2.0 | 1.5 |
| | | Rated load (Kg.cm) | | 0.24 | 0.41 | 0.73 | 1.10 | 2.0 | 3.3 | 5 | 5 | 6 | 6 | 8 | 8 |
| | 6700 | No-load speed (RPM) | | 1117 | 670 | 335 | 223 | 111.7 | 67.0 | 33.5 | 22.3 | 11.2 | 8.3 | 3.7 | 2.8 |
| | | Rated speed (RPM) | | 950 | 570 | 285 | 190 | 95.0 | 57.0 | 28.5 | 19.0 | 9.5 | 7.0 | 3.2 | 2.3 |
| | | Rated load (Kg.cm) | | 0.24 | 0.41 | 0.73 | 1.10 | 2.0 | 3.3 | 5 | 5 | 6 | 6 | 8 | 8 |