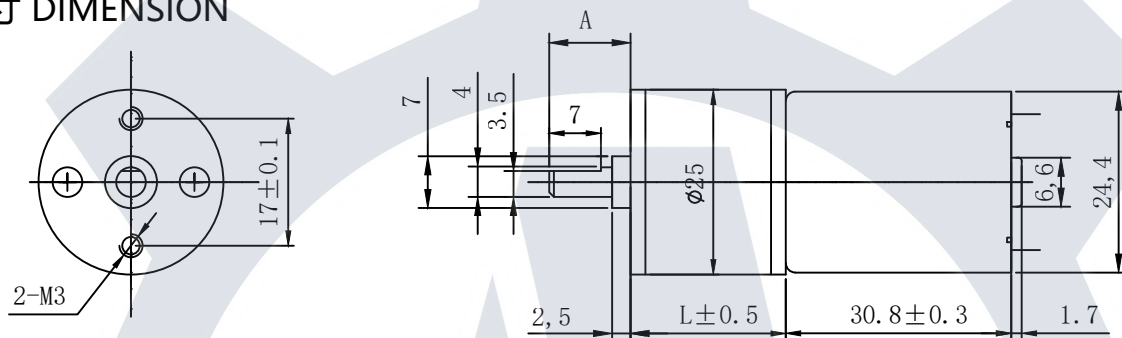


FAGM25-370

| 减速比 Gear Ratio | 减速箱长 Gearbox Length L(mm) | 减速比 Gear Ratio | 减速箱长 Gearbox Length L(mm) | 出轴长度 Shaft Length A(mm) |
|-----------------------------------|---------------------------------|--------------------------------------|---------------------------------|-------------------------------|
| $\frac{1}{4.4} \sim \frac{1}{21}$ | 19 | $\frac{1}{130} \sim \frac{1}{226.8}$ | 25 | customizable |
| $\frac{1}{26} \sim \frac{1}{47}$ | 21 | $\frac{1}{286} \sim \frac{1}{500}$ | 27 | |
| $\frac{1}{59} \sim \frac{1}{103}$ | 23 | | | |



外形尺寸 DIMENSION



UNIT: MILLIMETERS

直流正齿减速电机参数

SPUR GEARED MICRO DC MOTOR SPECS (voltage, current, torque, etc free customization)

| 电压 Voltage | 级数 number of stages | 2 | 3 | 4 | | 5 | | | 6 | | | 7 | | | 8 | | |
|---------------|---|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|------|------|------|
| | 减速比 Gear Ratio | 4.40 | 10 | 16 | 21 | 26 | 35.5 | 47 | 59 | 78 | 103 | 130 | 172 | 226.8 | 286 | 378 | 500 |
| 6V | 额定扭力 kgf.cm Rated Torque | 0.09 | 0.18 | 0.26 | 0.34 | 0.38 | 0.52 | 0.69 | 0.79 | 1.04 | 1.37 | 1.58 | 2.09 | 2.75 | 3.16 | 4.18 | 5.53 |
| | 额定转速 RPM Rated Speed | 1182 | 520 | 325 | 248 | 200 | 146 | 111 | 88 | 67 | 50 | 40 | 30 | 23 | 18 | 14 | 10 |
| | 瞬间容许扭力 kgf.cm Max Allowable Moment Torque | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| | 空载转速 RPM No Load Speed | 1364 | 600 | 375 | 286 | 231 | 169 | 128 | 102 | 77 | 58 | 46 | 35 | 26 | 21 | 16 | 12 |
| 12V | 额定扭力 kgf.cm Rated Torque | 0.08 | 0.16 | 0.23 | 0.30 | 0.34 | 0.47 | 0.62 | 0.70 | 0.93 | 1.23 | 1.41 | 1.87 | 2.46 | 2.82 | 3.73 | 4.94 |
| | 额定转速 RPM Rated Speed | 1091 | 480 | 300 | 229 | 185 | 135 | 102 | 81 | 62 | 47 | 37 | 28 | 21 | 17 | 13 | 10 |
| | 瞬间容许扭力 kgf.cm Max Allowable Moment Torque | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| | 空载转速 RPM No Load Speed | 1272.7 | 560.0 | 350.0 | 266.7 | 215.4 | 157.7 | 119.1 | 94.9 | 71.8 | 54.4 | 43.1 | 32.6 | 24.7 | 19.6 | 14.8 | 11.2 |

电机参数 MICRO DC MOTOR SPECS (voltage, current, torque, etc free customization)

| 型号 Model | 额定电压 Rated Voltage | 空载 No Load | | 额定负载 RATED LOAD | | | | | 堵转 Stall | |
|----------------|-----------------------|-------------|---------------|-----------------|---------------|--------------|----------------|------------------|--------------|---------------|
| | | 转速 Speed | 电流 Current | 转速 Speed | 电流 Current | 扭矩 Torque | 输出功率 Output | 效率 Efficiency | 扭矩 Torque | 电流 Current |
| | VDC | RPM | A | RPM | A | gf.cm | W | % | gf.cm | A |
| FARF-370-22170 | 6 | 6000 | 0.05 | 5200 | 0.3 | 23.5 | 1.255 | 69.7 | 185 | 1.85 |
| FARF-370-15370 | 12 | 5600 | 0.03 | 4800 | 0.15 | 21 | 1.035 | 57.5 | 175 | 0.9 |