

37JB6K/33ZY24 永磁直流 齿轮减速电机

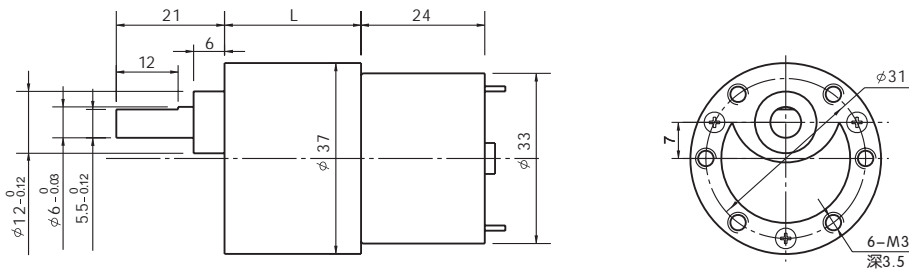
PM DC SPUR GEARMOTOR

产品特点 and 用途 Description of the product

1. 直径37mm的齿轮减速器，允许负载0.6N.m。
2. 适合于一般微小力矩的使用场合。



外形和安装尺寸 Dimensions



电动机主要技术参数 Motor Technical Data

| 电机型号 TYPE | 额定电压 Rated voltage (VDC) | 空载转速 No-load speed (r/min) | 空载电流 No-load current (mA) | 额定转速 Rated speed (r/min) | 额定转矩 Rated torque (mN.m) | 输出功率 Output power (W) | 额定电流 Rated current (mA) | 堵转转矩 Stall torque (mN.m) | 堵转电流 Stall current (A) |
|--------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------------|-----------------------------|-------------------------------|--------------------------------|------------------------------|
| 33ZY24-0630 | 6 | 2900 | 35 | 2200 | 2.5 | 0.56 | 170 | 10 | 0.46 |
| 33ZY24-1230 | 12 | 3000 | 30 | 2300 | 2.5 | 0.59 | 90 | 10 | 0.26 |
| 33ZY24-2430 | 24 | 3000 | 20 | 2300 | 2.5 | 0.59 | 80 | 10 | 0.14 |

齿轮减速电机主要技术参数 Gear motor Technical Data

配置33ZY24-0630电机的完整型号：37JB6K□/33ZY24-0630（出轴直径6mm，□内填写减速比）

| 减速比 Reduction ratio | 6 | 10 | 18 | 30 | 50 | 75 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 750 | 1000 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|
| 减速级数 Number of gear trains | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 减速器长度(L) Length(L) mm | 19 | 19 | 21.5 | 21.5 | 24 | 24 | 24 | 26.5 | 26.5 | 26.5 | 26.5 | 29 | 29 | 29 | 29 |
| 空载转速 No-load speed r/min | 483 | 290 | 161 | 96 | 58 | 38 | 29 | 19 | 14 | 11 | 9 | 7 | 5.5 | 3.5 | 3 |
| 额定转速 Rated speed r/min | 366 | 230 | 122 | 73 | 44 | 29 | 22 | 14 | 11 | 8 | 7 | 5.5 | 4.5 | 3 | 3 |
| 额定转矩 Rated torque N.m | 0.01 | 0.02 | 0.03 | 0.05 | 0.08 | 0.12 | 0.16 | 0.22 | 0.29 | 0.37 | 0.44 | 0.53 | 0.6 | 0.6 | 0.6 |
| 最大瞬间允许负载 Max. permissible load in a short time N.m | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 转向 Direction of Rotation | CCW | CCW | CW | CW | CCW | CCW | CCW | CW | CW | CW | CW | CCW | CCW | CCW | CCW |

配置33ZY24-1230电机的完整型号：37JB6K□/33ZY24-1230（出轴直径6mm，□内填写减速比）

| 减速比 Reduction ratio | 6 | 10 | 18 | 30 | 50 | 75 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 750 | 1000 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|
| 减速级数 Number of gear trains | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 减速器长度(L) Length(L) mm | 19 | 19 | 21.5 | 21.5 | 24 | 24 | 24 | 26.5 | 26.5 | 26.5 | 26.5 | 29 | 29 | 29 | 29 |
| 空载转速 No-load speed r/min | 500 | 300 | 167 | 100 | 60 | 40 | 30 | 20 | 15 | 12 | 10 | 7.5 | 6 | 4 | 3 |
| 额定转速 Rated speed r/min | 383 | 230 | 127 | 76 | 46 | 30 | 23 | 15 | 11 | 9 | 7.5 | 6 | 4.5 | 3 | 2.5 |
| 额定转矩 Rated torque N.m | 0.01 | 0.02 | 0.03 | 0.05 | 0.08 | 0.12 | 0.16 | 0.22 | 0.29 | 0.37 | 0.44 | 0.53 | 0.6 | 0.6 | 0.6 |
| 最大瞬间允许负载 Max. permissible load in a short time N.m | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 转向 Direction of Rotation | CCW | CCW | CW | CW | CCW | CCW | CCW | CW | CW | CW | CW | CCW | CCW | CCW | CCW |