

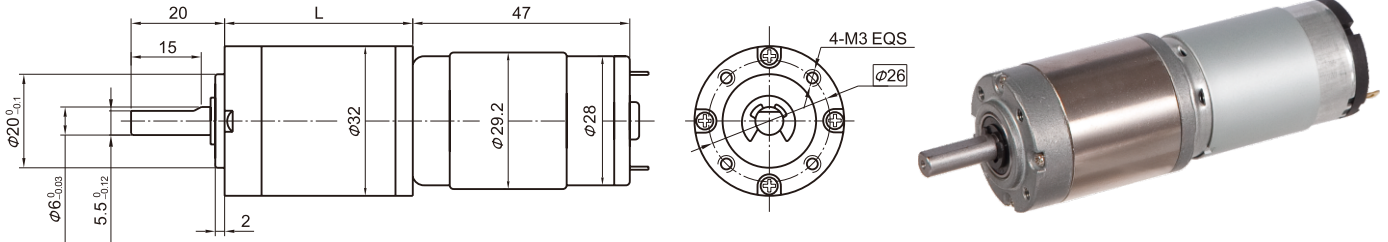
永磁直行星齿轮电机 (内齿圈材质: 金属)

PM DC Planetary Gear Motor (Ring Gear Material: Metal)

**32JXE30K/28ZY47P**  $\Phi 32$  行星减速器, 允许转矩范围: 0.3N.m~3.0N.m  
 32mm OD Planetary Gearbox,  
 Permissible Load Range: 0.3N.m~3.0N.m

常规产品出轴直径 $\Phi 6$ , 也可以配置直径 $\Phi 8$ 的出轴。 Standard output shaft OD 6mm, OD 8mm optional.

● 外形和安装尺寸 Dimensions



● 电动机主要技术参数 Motor Technical Data

| 电机型号<br>TYPE | 额定电压<br>Rated voltage<br>VDC | 空载转速<br>No-load speed<br>r/min | 空载电流<br>No-load current<br>mA | 额定转速<br>Rated speed<br>r/min | 额定转矩<br>Rated torque<br>mN.m | 输出功率<br>Output power<br>W | 额定电流<br>Rated current<br>mA | 堵转力矩<br>Stall torque<br>mN.m | 堵转电流<br>Stall current<br>A |
|--------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| 28ZY47P-2445 | 24                           | 4500                           | 80                            | 3000                         | 9                            | 2.8                       | 270                         | 27                           | 0.7                        |
| 28ZY47P-2460 | 24                           | 6000                           | 100                           | 4500                         | 17                           | 8.0                       | 470                         | 76                           | 1.8                        |

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

配置28ZY47P-2445直流电机 (28ZY47P-2445 DC Motor)

| 减速比<br>Reduction ratio                                | 3.7   | 5.2   | 14   | 19   | 27   | 51   | 71   | 100  | 139  | 189  | 264  | 369  | 427  | 495  | 596  |
|---|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 减速级数<br>Number of gear trains                         | 1     | 1     | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    | 4    |
| 减速器长度(L)<br>Length(L) mm                              | 25.7  | 25.7  | 32.8 | 32.8 | 32.8 | 39.7 | 39.7 | 39.7 | 39.7 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| 空载转速<br>No-load speed r/min                           | 1213  | 869   | 321  | 237  | 167  | 88   | 63   | 45   | 32   | 24   | 17   | 12   | 11   | 9.1  | 7.6  |
| 额定转速<br>Rated speed r/min                             | 809   | 579   | 214  | 158  | 111  | 59   | 42   | 30   | 22   | 16   | 11   | 8.1  | 7.0  | 6.1  | 5.0  |
| 额定转矩<br>Rated torque N.m                              | 0.030 | 0.042 | 0.10 | 0.14 | 0.20 | 0.34 | 0.47 | 0.66 | 0.91 | 1.1  | 1.5  | 2.2  | 2.5  | 2.9  | 3    |
| 最大瞬间允许负载<br>Max. permissible load in a short time N.m | 1.0   | 1.0   | 3.5  | 3.5  | 3.5  | 7.5  | 7.5  | 7.5  | 7.5  | 9    | 9    | 9    | 9    | 9    | 9    |

配置28ZY47P-2460直流电机 (28ZY47P-2460 DC Motor)

| 减速比<br>Reduction ratio                                | 3.7  | 5.2  | 14   | 19   | 27   | 51   | 71   | 100  | 139  | 189  | 219  | 254  | 306  | 354  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 减速级数<br>Number of gear trains                         | 1    | 1    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    |
| 减速器长度(L)<br>Length(L) mm                              | 25.7 | 25.7 | 32.8 | 32.8 | 32.8 | 39.7 | 39.7 | 39.7 | 39.7 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| 空载转速<br>No-load speed r/min                           | 1617 | 1158 | 429  | 316  | 222  | 118  | 85   | 60   | 43   | 32   | 27   | 24   | 20   | 17   |
| 额定转速<br>Rated speed r/min                             | 1213 | 869  | 321  | 237  | 167  | 88   | 63   | 45   | 32   | 24   | 21   | 18   | 15   | 13   |
| 额定转矩<br>Rated torque N.m                              | 0.06 | 0.08 | 0.19 | 0.26 | 0.37 | 0.63 | 0.88 | 1.2  | 1.7  | 2.1  | 2.4  | 2.8  | 3    | 3    |
| 最大瞬间允许负载<br>Max. permissible load in a short time N.m | 1.0  | 1.0  | 3.5  | 3.5  | 3.5  | 7.5  | 7.5  | 7.5  | 7.5  | 9    | 9    | 9    | 9    | 9    |

● 电动机特性图 Motor Characteristic Figure

