

永磁直流行星齿轮电机 （内齿圈材质：金属）  
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

**38JN80K/36ZY57PG**

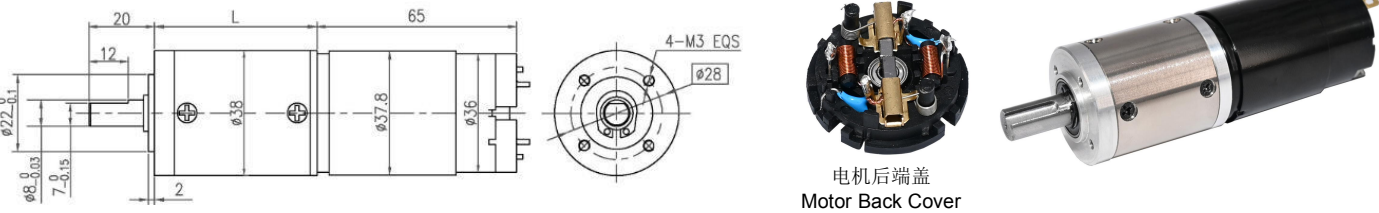
Φ38 行星减速器, 允许转矩范围: 0.8N.m~8.0N.m

38mm Planetary Gearbox

Permissible Load Range: 0.8N.m~8.0N.m

36ZY57PG 是高端直流电机, 功率大, 配置电感-电容防干扰元件, 符合 EMC 的要求  
36ZY57PG DC motor is high-end dc motor, big power,  
configuration inductance capacitance tamper-proof element, accord with the requirement of EMC

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>A | 堵转转矩<br>Stall torque<br>mN.m | 堵转电流<br>Stall current<br>A |
|---------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|----------------------------|------------------------------|----------------------------|
| 36ZY57PG-1271 | 12                           | 7100                           | 350                           | 6100                         | 40                           | 25.5                      | 2.8                        | 198                          | 14                         |
| 36ZY57PG-2471 | 24                           | 7100                           | 190                           | 6200                         | 40                           | 25.9                      | 1.4                        | 197                          | 7.3                        |

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

配置 36ZY57PG-1272 直流电机 （36ZY57PG-1272 DC Motor）

| 减 速 比<br>Reduction ratio                          | 3.7   | 5.2  | 14   | 19   | 27   | 51   | 71   | 100  | 139  | 181  | 218  | 253  | 305  | 354  | 426  |
|---------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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    | 33.0 | 33.0 | 41.4 | 41.4 | 41.4 | 49.8 | 49.8 | 49.8 | 49.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 空载转速<br>No-load speed                             | r/min | 1914 | 1371 | 507  | 374  | 263  | 139  | 100  | 71   | 51   | 39   | 33   | 26   | 23   | 20   |
| 额定转速<br>Rated speed                               | r/min | 1644 | 1178 | 436  | 327  | 226  | 120  | 86   | 61   | 44   | 34   | 28   | 24   | 20   | 17   |
| 额定转矩<br>Rated torque                              | N.m   | 0.13 | 0.19 | 0.45 | 0.62 | 0.87 | 1.5  | 2.1  | 2.9  | 4.1  | 4.7  | 5.7  | 6.6  | 7.9  | 8    |
| 最大瞬间允许负载<br>Max. permissible load in a short time | N.m   | 2.4  | 2.4  | 7.5  | 7.5  | 7.5  | 15   | 15   | 15   | 15   | 20   | 20   | 20   | 20   | 20   |

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|---------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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    | 33.0 | 33.0 | 41.4 | 41.4 | 41.4 | 49.8 | 49.8 | 49.8 | 49.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 空载转速<br>No-load speed                             | r/min | 1914 | 1371 | 507  | 374  | 263  | 139  | 100  | 71   | 51   | 39   | 33   | 26   | 23   | 20   |
| 额定转速<br>Rated speed                               | r/min | 1671 | 1197 | 443  | 326  | 230  | 122  | 87   | 62   | 45   | 34   | 28   | 25   | 20   | 17   |
| 额定转矩<br>Rated torque                              | N.m   | 0.13 | 0.19 | 0.45 | 0.62 | 0.87 | 1.5  | 2.1  | 2.9  | 4.1  | 4.7  | 5.7  | 6.6  | 7.9  | 8    |
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