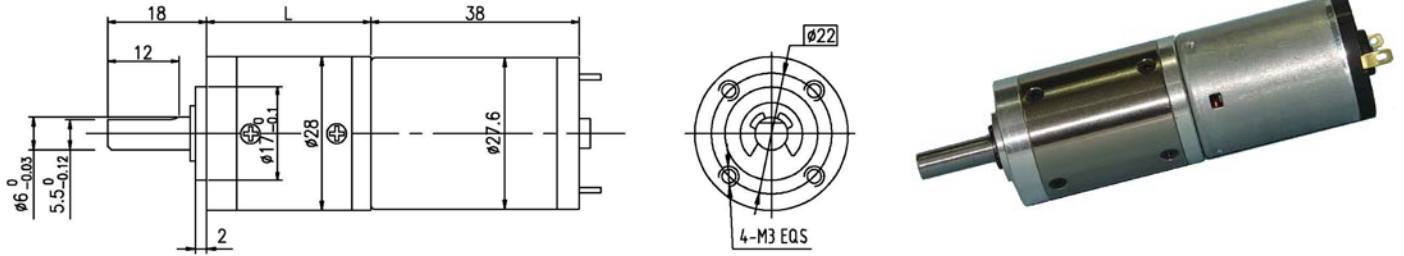


**28JN30K/28ZY38** Φ28 行星减速器, 允许转矩范围: 0.3N.m~3.0N.m  
28mm OD Planetary Gearbox,  
Permissible Load Range: 0.3N.m~3.0N.m

● 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 |
|--------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| 28ZY38-1240  | 12                           | 4000                           | 80                            | 2600                         | 7                            | 1.86                      | 350                         | 20                           | 0.75                       |
| 28ZY38-1250  | 12                           | 5000                           | 100                           | 3450                         | 7                            | 2.48                      | 370                         | 21.5                         | 0.90                       |
| 28ZY38-2450  | 24                           | 5000                           | 70                            | 3800                         | 7                            | 2.78                      | 230                         | 25                           | 0.70                       |

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

配置 28ZY38-1240 直流电机 (28ZY38-1240 DC Motor)

| 减速比<br>Reduction ratio                                | 3.7   | 5.2   | 14    | 19   | 27   | 51   | 71   | 100  | 139  | 189  | 264  | 369  | 516  | 720  |
|---|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 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                              | 29.0  | 29.0  | 36.1  | 36.1 | 36.1 | 43.0 | 43.0 | 43.0 | 43.0 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 空载转速<br>No-load speed r/min                           | 1078  | 772   | 286   | 211  | 148  | 78   | 56   | 40   | 29   | 21   | 15   | 11   | 7.8  | 5.6  |
| 额定转速<br>Rated speed r/min                             | 701   | 502   | 186   | 137  | 96   | 51   | 37   | 26   | 19   | 14   | 9.8  | 7.0  | 5.0  | 3.6  |
| 额定转矩<br>Rated torque N.m                              | 0.023 | 0.033 | 0.079 | 0.11 | 0.15 | 0.26 | 0.36 | 0.51 | 0.71 | 0.86 | 1.2  | 1.7  | 2.4  | 3.6  |
| 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    |

配置 28ZY38-1250 直流电机 (28ZY38-1250 DC Motor)

| 减速比<br>Reduction ratio                                | 3.7   | 5.2   | 14    | 19   | 27   | 51   | 71   | 100  | 139  | 189  | 264  | 369  | 516  | 720  |
|---|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 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                              | 29.0  | 29.0  | 36.1  | 36.1 | 36.1 | 43.0 | 43.0 | 43.0 | 43.0 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 空载转速<br>No-load speed r/min                           | 1348  | 965   | 357   | 263  | 185  | 98   | 70   | 50   | 36   | 26   | 19   | 14   | 9.7  | 6.9  |
| 额定转速<br>Rated speed r/min                             | 930   | 666   | 246   | 182  | 128  | 68   | 49   | 35   | 25   | 18   | 13   | 9.3  | 6.7  | 4.8  |
| 额定转矩<br>Rated torque N.m                              | 0.023 | 0.033 | 0.079 | 0.11 | 0.15 | 0.26 | 0.36 | 0.51 | 0.71 | 0.86 | 1.2  | 1.7  | 2.3  | 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    |

配置 28ZY38-2450 直流电机 (28ZY38-2450 DC Motor)

| 减速比<br>Reduction ratio                                | 3.7   | 5.2   | 14    | 19   | 27   | 51   | 71   | 100  | 139  | 189  | 264  | 369  | 264  | 369  |
|---|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 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                              | 29.0  | 29.0  | 36.1  | 36.1 | 36.1 | 43.0 | 43.0 | 43.0 | 43.0 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 空载转速<br>No-load speed r/min                           | 1348  | 965   | 357   | 263  | 185  | 98   | 70   | 50   | 36   | 26   | 19   | 14   | 9.7  | 6.9  |
| 额定转速<br>Rated speed r/min                             | 1024  | 734   | 271   | 200  | 141  | 75   | 54   | 38   | 27   | 20   | 14   | 10   | 7.4  | 5.3  |
| 额定转矩<br>Rated torque N.m                              | 0.023 | 0.033 | 0.079 | 0.11 | 0.15 | 0.26 | 0.36 | 0.51 | 0.71 | 0.86 | 1.2  | 1.7  | 2.3  | 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    |