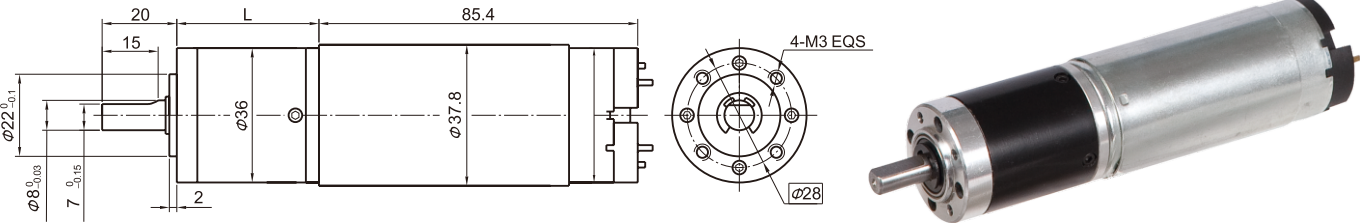


永磁直行星齿轮电机 (内齿圈材质: 金属)
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

36JX30K/36ZY85P

Φ36 行星减速器, 允许转矩范围: 0.3N.m~3.0N.m
36mm 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 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 A | 堵转力矩 Stall torque mN.m | 堵转电流 Stall current A |
|--------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|----------------------------|------------------------------|----------------------------|
| 36ZY85P-1230 | 12 | 3000 | 250 | 2400 | 40 | 10 | 1.60 | 188 | 6.7 |
| 36ZY85P-2430 | 24 | 3000 | 150 | 2500 | 40 | 10 | 0.85 | 285 | 4.2 |

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

配置36ZY85P-1230直流电机 (36ZY85P-1230 DC Motor)

| 减 速 比 | Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 |
|----------|---------------------------------------|-------|------|------|------|------|------|------|------|------|
| 减速级数 | Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 减速器长度(L) | Length(L) | mm | 31.0 | 31.0 | 38.5 | 38.5 | 38.5 | 48.4 | 48.4 | 48.4 |
| 空载转速 | No-load speed | r/min | 809 | 579 | 214 | 157 | 111 | 59 | 42 | 30 |
| 额定转速 | Rated speed | r/min | 649 | 462 | 171 | 126 | 89 | 47 | 34 | 24 |
| 额定转矩 | Rated torque | N.m | 0.13 | 0.19 | 0.45 | 0.62 | 0.87 | 1.5 | 2.1 | 2.9 |
| 最大瞬间允许负载 | Max. permissible load in a short time | N.m | 1.0 | 1.0 | 3.5 | 3.5 | 3.5 | 7.5 | 9 | 9 |

配置36ZY85P-2430直流电机 (36ZY85P-2430 DC Motor)

| 减 速 比 | Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 |
|----------|---------------------------------------|-------|------|------|------|------|------|------|------|------|
| 减速级数 | Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 减速器长度(L) | Length(L) | mm | 31.0 | 31.0 | 38.5 | 38.5 | 38.5 | 48.4 | 48.4 | 48.4 |
| 空载转速 | No-load speed | r/min | 809 | 579 | 214 | 157 | 111 | 59 | 42 | 30 |
| 额定转速 | Rated speed | r/min | 674 | 483 | 179 | 132 | 93 | 49 | 35 | 25 |
| 额定转矩 | Rated torque | N.m | 0.13 | 0.19 | 0.45 | 0.62 | 0.87 | 1.5 | 2.1 | 2.9 |
| 最大瞬间允许负载 | Max. permissible load in a short time | N.m | 1.0 | 1.0 | 3.5 | 3.5 | 3.5 | 7.5 | 9 | 9 |

电动机特性图 Motor Characteristic Figure

