

无刷直流行星齿轮减速电机(内齿圈材质:金属)

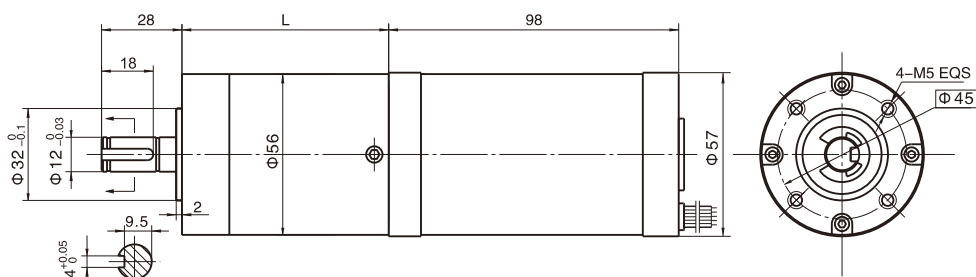
BLDC Planetary Gear Motor (Ring Gear Material: Metal)

56JX200K/57ZWN95

Φ56 标准型减速器(带油封), 允许转矩范围: 2N.m~20N.m
56mm OD Standard Gearbox(with Oil Seal),
Permissible Load Range: 2N.m~20N.m



● 外形和安装尺寸 Dimensions



● 无刷电动机主要技术参数 Brushless 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 |
|--------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|----------------------------|
| 57ZWN95-2420 | 24 | 2000 | 200 | 1450 | 400 | 60 | 4.0 |
| 57ZWN95-2430 | 24 | 3000 | 300 | 2000 | 400 | 80 | 6.0 |

● 无刷行星齿轮减速电机主要技术参数 Brushless Gear Motor Technical Data

配置57ZWN95-2420无刷直流电机 (57ZWN95-2420 BLDC Motor)

| 减速比 | Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 32 | 47 | 55 | 65 | 76 |
|----------|---------------------------------------|-------|------|-----|-----|-----|-----|----|----|----|----|
| 减速级数 | Number of gear trains | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 减速器长度(L) | Length(L) | mm | 41 | 41 | 53 | 53 | 53 | 64 | 64 | 64 | 64 |
| 空载转速 | No-load speed | r/min | 556 | 471 | 154 | 133 | 111 | 63 | 43 | 36 | 26 |
| 额定转速 | Rated speed | r/min | 403 | 341 | 112 | 97 | 81 | 45 | 31 | 26 | 19 |
| 额定转矩 | Rated torque | N.m | 1.3 | 1.5 | 4.2 | 4.9 | 5.8 | 10 | 14 | 16 | 20 |
| 最大瞬间允许负载 | Max. permissible load in a short time | N.m | 6 | 6 | 25 | 25 | 25 | 25 | 50 | 50 | 50 |

配置57ZWN95-2430无刷直流电机 (57ZWN95-2430 BLDC Motor)

| 减速比 | Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 32 | 47 | 55 | 65 | 76 |
|----------|---------------------------------------|-------|------|-----|-----|-----|-----|----|----|----|----|
| 减速级数 | Number of gear trains | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 减速器长度(L) | Length(L) | mm | 41 | 41 | 53 | 53 | 53 | 64 | 64 | 64 | 64 |
| 空载转速 | No-load speed | r/min | 833 | 706 | 231 | 200 | 167 | 94 | 64 | 55 | 39 |
| 额定转速 | Rated speed | r/min | 556 | 471 | 154 | 133 | 111 | 63 | 43 | 36 | 26 |
| 额定转矩 | Rated torque | N.m | 1.3 | 1.5 | 4.2 | 4.9 | 5.8 | 10 | 14 | 16 | 20 |
| 最大瞬间允许负载 | Max. permissible load in a short time | N.m | 6 | 6 | 25 | 25 | 25 | 25 | 50 | 50 | 50 |