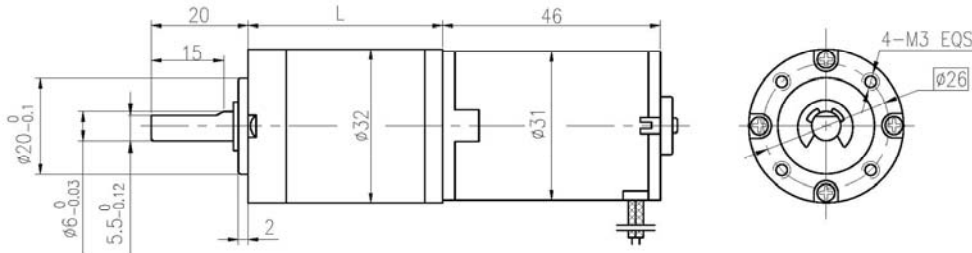


32JXE30K/31ZY46

Φ32 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Φ6, 也可以配置直径Φ8 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 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 mA | 堵转力矩 Stall torque mN.m | 堵转电流 Stall current A |
|--------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| 31ZY46-2450 | 24 | 5000 | 120 | 3500 | 15 | 5.5 | 660 | 50 | 1.8 |
| 31ZY46-2460 | 24 | 6000 | 150 | 3600 | 22 | 8.3 | 800 | 57 | 1.9 |

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

配置 31ZY46-2450 直流电机 (31ZY46-2450 DC Motor)

| 减速比 Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 181 | 219 | 254 | 306 | 354 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 减速级数 Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| 减速器长度(L) 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 No-load speed r/min | 1348 | 965 | 357 | 263 | 185 | 98 | 70 | 50 | 36 | 26 | 20 | 16 | 14 | 12 |
| 额定转速 Rated speed r/min | 943 | 676 | 250 | 184 | 130 | 69 | 49 | 35 | 25 | 19 | 14 | 11 | 9.9 | 8.2 |
| 额定转矩 Rated torque N.m | 0.05 | 0.07 | 0.17 | 0.23 | 0.33 | 0.56 | 0.78 | 1.1 | 1.5 | 1.8 | 2.5 | 3 | 3 | 3 |
| 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 | 7.5 | 7.5 | 7.5 | 7.5 | 9 | 9 | 9 | 9 |

配置 31ZY46-2460 直流电机 (31ZY46-2460 DC Motor)

| 减速比 Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 181 | 219 | 254 | 306 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 减速级数 Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| 减速器长度(L) 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 |
| 空载转速 No-load speed r/min | 1617 | 1158 | 429 | 316 | 222 | 118 | 85 | 60 | 43 | 33 | 27 | 24 | 20 |
| 额定转速 Rated speed r/min | 970 | 695 | 257 | 189 | 133 | 71 | 51 | 36 | 26 | 20 | 16 | 14 | 12 |
| 额定转矩 Rated torque N.m | 0.07 | 0.10 | 0.25 | 0.34 | 0.48 | 0.82 | 1.1 | 1.6 | 2.2 | 2.6 | 3 | 3 | 3 |
| 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 | 7.5 | 7.5 | 7.5 | 7.5 | 9 | 9 | 9 |

● 电动机特性图 Motor Characteristic Figure

