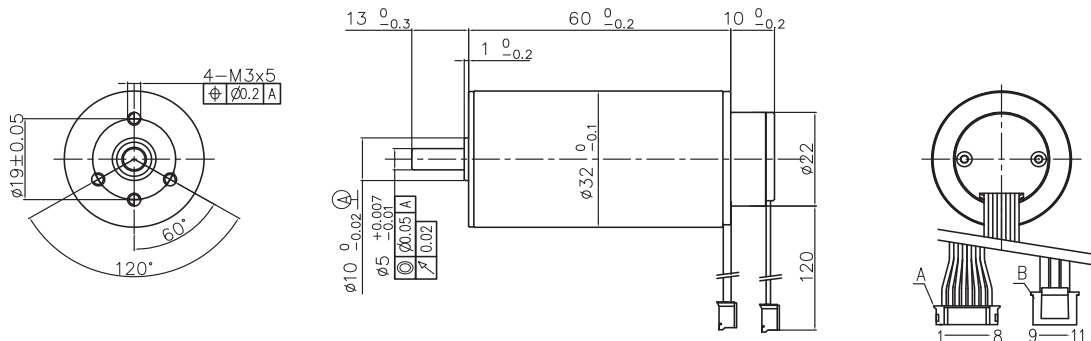




Coreless Motor With Built-in Servo Driver

3260EM



| 电机参数 (Motor data) | | 01 | 02 | 03 | 04 | 05 | |
|-------------------------------------|---------------------------------|---------|-------|-------|-------|-------|-------|
| 额定电压下数值 (Values at nominal voltage) | | | | | | | |
| 1 | 额定电压 (Nominal voltage) | v | 18 | 24 | 30 | 36 | 48 |
| 2 | 空载转速 (No load speed) | rpm | 13524 | 11412 | 13713 | 13518 | 13916 |
| 3 | 空载电流 (No load current) | mA | 480 | 294 | 245 | 215 | 166 |
| 4 | 额定转速 (Nominal speed) | rpm | 12442 | 12983 | 12615 | 12368 | 12872 |
| 5 | 额定转矩 (最大连续转矩) (Nominal torque) | mNm | 50 | 50 | 50 | 50 | 50 |
| 6 | 额定电流 (最大连续电流) (Nominal current) | A | 4.44 | 3.47 | 2.72 | 2.17 | 1.72 |
| 7 | 堵转转矩 (Stall torque) | mNm | 623 | 636 | 640 | 579 | 676 |
| 8 | 堵转电流 (Stall current) | A | 50.00 | 40.00 | 31.25 | 23.22 | 20.96 |
| 9 | 最大效率 (Max efficiency) | % | 82 | 84 | 84 | 83 | 84 |
| 电机常数 (Motor constant) | | | | | | | |
| 10 | 相间电阻 (Terminal resistance) | Ω | 0.36 | 0.60 | 0.96 | 1.55 | 2.29 |
| 11 | 转矩常数 (Torque constant) | mNm/A | 12.46 | 15.92 | 20.48 | 24.93 | 32.29 |
| 12 | 速度常数 (Speed constant) | rpm / V | 751 | 588 | 457 | 376 | 290 |

其它特性参数 Other characteristic parameters 01电机曲线图

- 13 环境温度范围 (Ambient temperature) -40 - 100°C
- 14 绕组最高允许温度 (Max permissible winding temperature) 150°C
- 15 最高允许转速 (Max permissible speed) 25000rpm
- 16 电极磁极对数 (Number of the pole pairs) 1
- 17 相数 (Number of pole pairs) 3
- 18 电机质量 (Weight) 210g

连接端子A: JST PHR-8 PH2.0
 UL1332 PTEF AWG26
 1-HA、2-HB、3-HC、4-GND、5-VCC、6-Z、7-B、8-A
 连接端子B: VHR-3N PH3.96
 UL1430 AWG20 PVC
 7-MA (blue) 8-MB (black) 9-MC (white)
 编码器:
 输入电压: DC3.3V
 输出信号: 增量式 (ABZ) TTL
 分辨率: 1~256PPR (可选)

