



Motor Performance Parameters

Motor Type: Coreless Brushless Motor
 Operating Voltage: 24 V
 No-load Speed: 16000±10% RPM
 No-load Current: ≤ 1.3 A
 Rated Speed: 10000±10% RPM
 Rated Current: ≤ 5 A
 Rated Torque: ≥ 45 mNm
 Pole Pairs: 2 Pairs
 Operating Temperature: -20°C ~ 100°C
 Noise Level: ≤ 45 DB
 Maximum Motor Efficiency: 75%

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Pinout: PIN 1~8

- PIN 1 - U Phase (Thick White Wire)
- PIN 2 - V Phase (Thick Yellow Wire)
- PIN 3 - W Phase (Thick Blue Wire)
- PIN 4 - +5 V (Red Wire)
- PIN 5 - GND (Black Wire)
- PIN 6 - HALL_U (White Wire)
- PIN 7 - HALL_V (Yellow Wire)
- PIN 8 - HALL_W (Blue Wire)

设计		第一视觉画法 	32mm Planetary Gearbox+32mm Coreless Brushless Motor (Product Type)
审核			
批准		未注线性与角度尺寸公差： GB\T1804-m eqv ISO 2768-1:m	TSL-PG32K87-KW3242 (Product Model)
日期	2025.11.21		