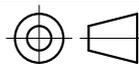


| SPECIFICATION | CONNECTION | BIPOLAR |
|-----------------------------|------------|------------------------|
| NO. of PHASES | | 3 |
| NO. of POLES | | 4 |
| RESISTANCE/PHASE(Ohms)@25°C | | TBD±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | TBD±25% |
| RATED VOLTAGE(V) | | 24 |
| RATED TORQUE(mN.m) | | 250 |
| RATED POWER(W) | | 105 |
| RATED SPEED(RPM) | | 4000±10% |
| RATED CURRENT(A) | | 6.4±10% |
| NO LOAD SPEED(RPM) | | 5900 |
| NO LOAD CURRENT(A) | | 0.6 |
| SENSOR | | HALL SENSOR |
| BEARING TYPE | | NMB BALL BEARING, C3 |
| AMBIENT TEMPERATURE | | -10°C~50°C[14°F~122°F] |
| INSULATION CLASS | | B 130°C[266°F] |
| TEMPERATURE RISE | | MAX.80°C |

UNIT mm
GB/T 1804-M EQV.ISO 2768-1 CLASS M:

| | |
|----------|------|
| <=6 | ±0.1 |
| >6~30 | ±0.2 |
| >30~120 | ±0.3 |
| >120~400 | ±0.5 |



| | | | |
|-------|-----------|------|-----------|
| mm | | | |
| UNITS | DRN | MYX | 1.13.2026 |
| 3:2 | APVD | LDJ | 1.13.2026 |
| SCALE | SIGNATURE | DATE | |

BRUSHLESS DC MOTOR

42BLS100-24-01

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