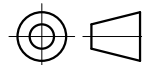


| SPECIFICATION               | VALUE                  |
|-----------------------------|------------------------|
| NO. of PHASES               | 3                      |
| NO. of POLES                | 4                      |
| RESISTANCE/PHASE(Ohms)@25°C | 0.27±10%               |
| INDUCTANCE/PHASE(mH)@1KHz   | 0.57±20%               |
| RATED VOLTAGE(V)            | 12                     |
| RATED TORQUE(N.m)[lb-in]    | 0.16[1.42]             |
| RATED POWER(W)              | 50                     |
| RATED SPEED(RPM)            | 3000±10%               |
| RATED CURRENT(A)            | 5.90                   |
| NO LOAD SPEED(RPM)          | 4000±10%               |
| WEIGHT(kg)                  | —                      |
| BACK EMF(V/krpm)            | 2.20±5%                |
| SENSOR                      | HALL                   |
| 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  | 1.15.2026 |
| 1:1   | APVD      | LDJ  | 1.15.2026 |
| SCALE | SIGNATURE | DATE |           |

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**BRUSHLESS DC MOTOR**

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