

DB87M01-S

BRUSHLESS DC MOTOR



Brushless DC motor with high output power and long service life. By mounting an encoder, this motor can be expanded into a high-performance servo motor for high speed ranges. For higher torques high-performance planetary gearboxes can be mounted.

Technical parameters

| | | | |
|-------------------------|-----------------------|-------------------------|----------|
| Flange | 87 mm | Weight | 2.6 kg |
| Size | NEMA 34 | Rated voltage | 48 V |
| Rated power | 440 W | Peak torque | 420 Ncm |
| Rated current | 10.77 A | Peak current | 32.31 A |
| Rated speed | 3000 rpm | Torque constant | 13 Ncm/A |
| Rotor inertia | 1600 gcm ² | Line to line resistance | 0.16 Ohm |
| Line to line inductance | 0.48 mH | Length | 113 mm |
| Rated torque | 140 Ncm | | |

Dimensions

