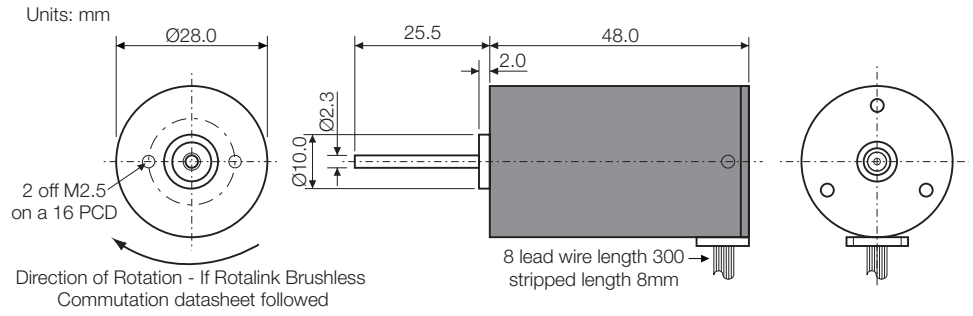


DC Motors

BLH2848-125

Issue 04:CN3816

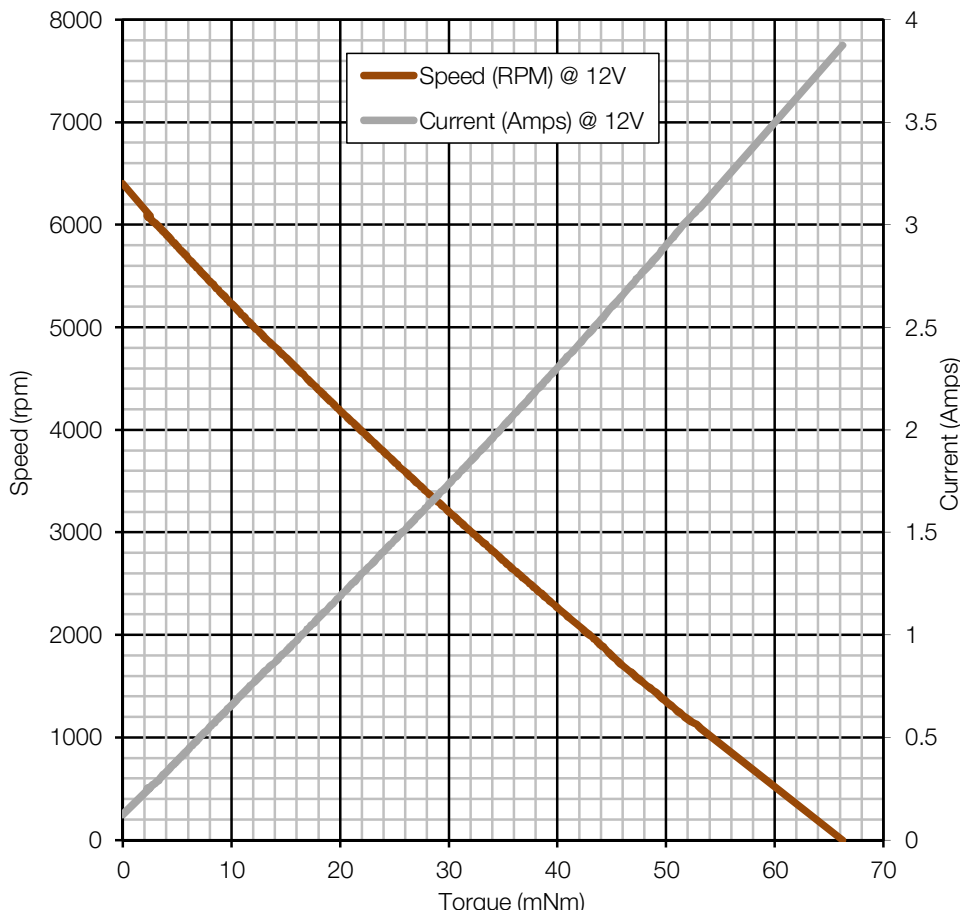


| Model Number | Performance | | | | | | | | | |
|--------------|-------------|-----------|-----------|--------------------|-----------|------------|----------|------------|-----------|-------------|
| | Volts V | No Load | | Maximum Efficiency | | | | Stall | | Max Power W |
| | | Speed rpm | Current A | Speed rpm | Current A | Torque mNm | Output W | Torque mNm | Current A | |
| BLH2848-125 | 12 | 6398 | 0.12 | 5321 | 0.61 | 9.17 | 5.11 | 66.25 | 3.88 | 10.10 |

Performance characteristics and general specification are measured & predicted from sample motor.

| Hall Effect Sensor Wire 26 AWG | | | | | Motor Phase Wire 26 AWG | | |
|--------------------------------|------|-------|--------|-------|-------------------------|-------|-------|
| HA | HB | HC | +5 | GND | M1 | M2 | M3 |
| Orange | Blue | Brown | Yellow | White | Red | Green | Black |

Characteristics



General Specification

| | |
|-----------------------|---------------------|
| Bearings | Ball Race |
| Commutation | Hall Effect Sensors |
| Rotation | Bi-directional |
| Number of poles | 4 |
| Operating voltage | 12 V |
| Nominal resistance | 2.8 Ω |
| Nominal Inductance | 1.1 mH |
| Typical detent torque | 3 mNm |
| Weight | 110 g |

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