



26M024B

| Electrical Data | 26M024B1U Unipolar | 26M024B2U Unipolar | 26M024B1B Bipolar | 26M024B2B Bipolar | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|---|
| 1 Operating Voltage | 5 | 12 | 5 | 12 | VDC |
| 2 Resistance per Phase, ± 10% | 19.6 | 110.0 | 19.8 | 108.0 | Ohms |
| 3 Inductance per Phase, typ | 4.1 | 29.9 | 7.7 | 52.4 | mH |
| 4 Rated Current per Phase * | 0.26 | 0.11 | 0.25 | 0.11 | A |
| Coil independent parameters | | | | | |
| 5 Holding Torque, MIN * | 6.3 (0.9) | 6.3 (0.9) | 7.8 (1.1) | 7.8 (1.1) | mNm (oz-in) |
| 6 Detent Torque, Max | 1.34 (0.19) | 1.34 (0.19) | 1.34 (0.19) | 1.34 (0.19) | mNm (oz-in) |
| 7 Rotor inertia | 1.1 (0.00601) | 1.1 (0.00601) | 1.1 (0.00601) | 1.1 (0.00601) | (gcm ²) (oz-in-s ²) |
| 8 Step Angle | 15.0 | 15.0 | 15.0 | 15.0 | Degree |
| 9 Absolute accuracy 2 ph. On, Full step | ± 1 | ± 1 | ± 1 | ± 1 | Degree |
| 10 Steps per Revolution | 24 | 24 | 24 | 24 | |
| 11 Ambient Temp Range (operating) | -20 to +70 (-4 to +158) | -20 to +70 (-4 to +158) | -20 to +70 (-4 to +158) | -20 to +70 (-4 to +158) | °C (°F) |
| 12 Maximum Coil Temperature | 130 (266) | 130 (266) | 130 (266) | 130 (266) | °C (°F) |
| 13 Bearing Type | Sintered Bronze Sleeve | Sintered Bronze Sleeve | Sintered Bronze Sleeve | Sintered Bronze Sleeve | |
| 14 Insulation Resistance at 500 VDC | 100 | 100 | 100 | 100 | Mohms |
| 15 Dielectric Withstanding Voltage | 650 for 2 seconds | 650 for 2 seconds | 650 for 2 seconds | 650 for 2 seconds | VAC |
| 16 Weight | 34 (1.2) | 34 (1.2) | 34 (1.2) | 34 (1.2) | g (oz) |
| 17 Leadwire | AWG 28, UL 1429 | AWG 28, UL 1429 | AWG 28, UL 1429 | AWG 28, UL 1429 | |

All Motor Data Values at 20°C Unless Otherwise Specified

* Energize at Rated Current, 2 Phase On

