

26M048B

Technical Specifications (Motor Only)

Part Number	Unipolar		Bipolar	
	26M048B1U	26M048B2U	26M048B1B	26M048B2B
DC operating voltage	5	12	5	12
Resistance per winding (ohms)	19.6	110	19.8	108
Inductance per winding (mH)	5.3	36.5	13.0	60.7
Holding torque* (mNm / oz.-in)	9.2/1.3		10.6/1.5	
Rotor moment of inertia (g.m ²)	1.1 x 10 ⁻⁴			
Detent torque (mNm / oz.-in)	1.34/0.19			
Step angle	7.5°			
Step angle tolerance*	± 5°			
Steps per revolution	48			
Maximum operating temperature	100°C			
Ambient temperature range				
operating	-20°C to 70°C			
storage	-40°C to 85°C			
Bearing type	Bronze Sleeve			
Insulation resistance at 500Vdc	100 megohms			
Dielectric withstanding voltage	660 ± 50 VRMS 60 Hz for 2 seconds			
Weight (g/oz)	57.2/2			
Leadwires	28 AWG			

*Measured with 2 phases energized

Available Gear Train Reductions

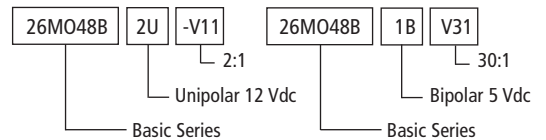
Part Suffix	Gear Ratio	Output Step Angle	Output Speed RPM @100 PPS	Running Torque @100 PPS mNm/oz-in
-V11	2:1	3.75°	62.50	8.9/1.16
-V16	5:1	1.5°	25.00	17.01/2.41
-V19	7.5:1	1.00°	16.66	21.08/3.00

Other gear ratios available

How to Order

- List Series 26M048B.
- Add suffix -V11 to V37 for desired gear ratio.

Examples of Part Numbers



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