

MOTOR OVERVIEW

- 2-phase Hybrid Stepper Motor
- NEMA 17 | 42.4 mm frame size
- 1.8 degree step angle
- 40.1 mm body length
- 0.440 Nm holding torque

FEATURES

- Low outgassing, rated for vacuum up to 10E-8 Torr
- Low and high temperature operation of -40C to +120C (temperature operation of -80C to +200C achievable through design, material and process enhancements)
- Shock and vibration proof design
- EMI shielding
- High efficiency/low power draw

OPTIONS

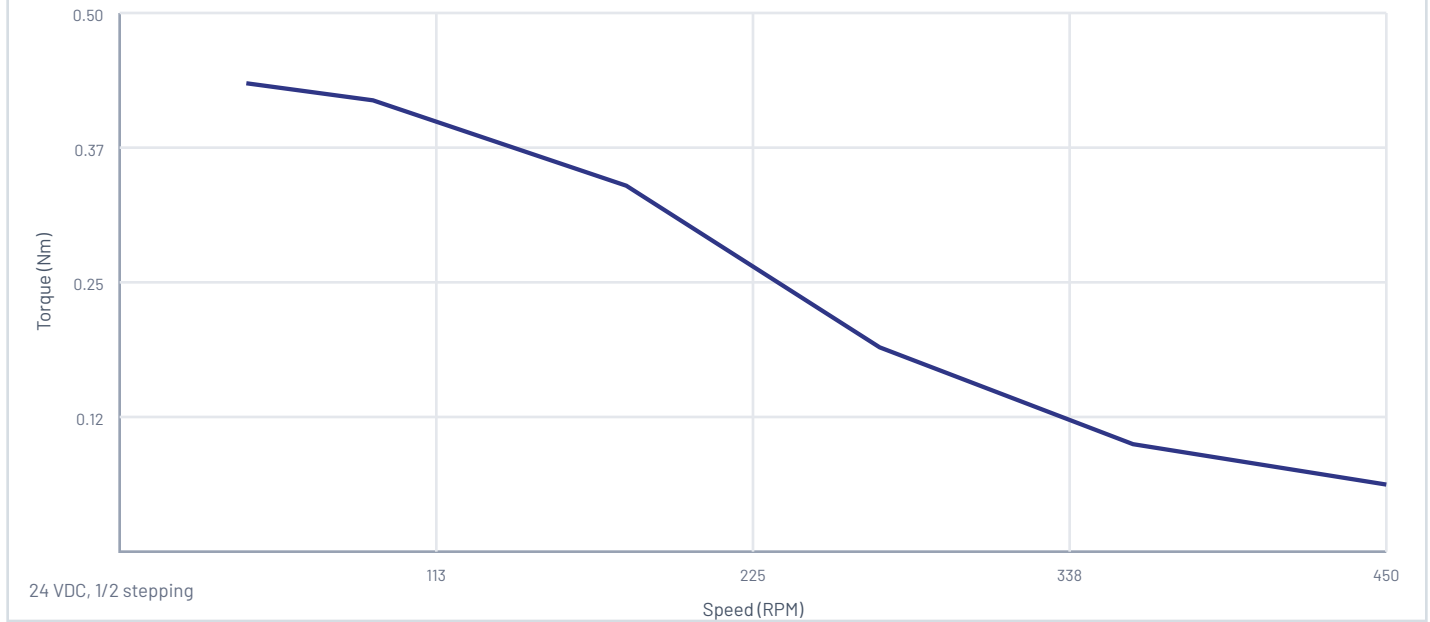
- Through-hole shaft
- Dual shafts
- Customized leads and connectors
- Bearings and greases
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	V4118M-A06S	Frame size	NEMA 17
Step angle	1.8 degrees	Connection	Bipolar
Body length	40.1 mm	Current	0.7 A
Resistance	10.8 Ohm	Holding torque	0.440 Nm
Rotor inertia	51.22 g-cm ²	Weight	0.273 kg
Leads	4 Wires	Voltage	24 VDC

PERFORMANCE CURVE



MOTOR DIMENSIONS

