

MOTOR OVERVIEW

- 2-phase Hybrid Stepper Motor
- NEMA 17 | 42.4 mm frame size
- 1.8 degree step angle
- 48.0 mm body length
- 0.590 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

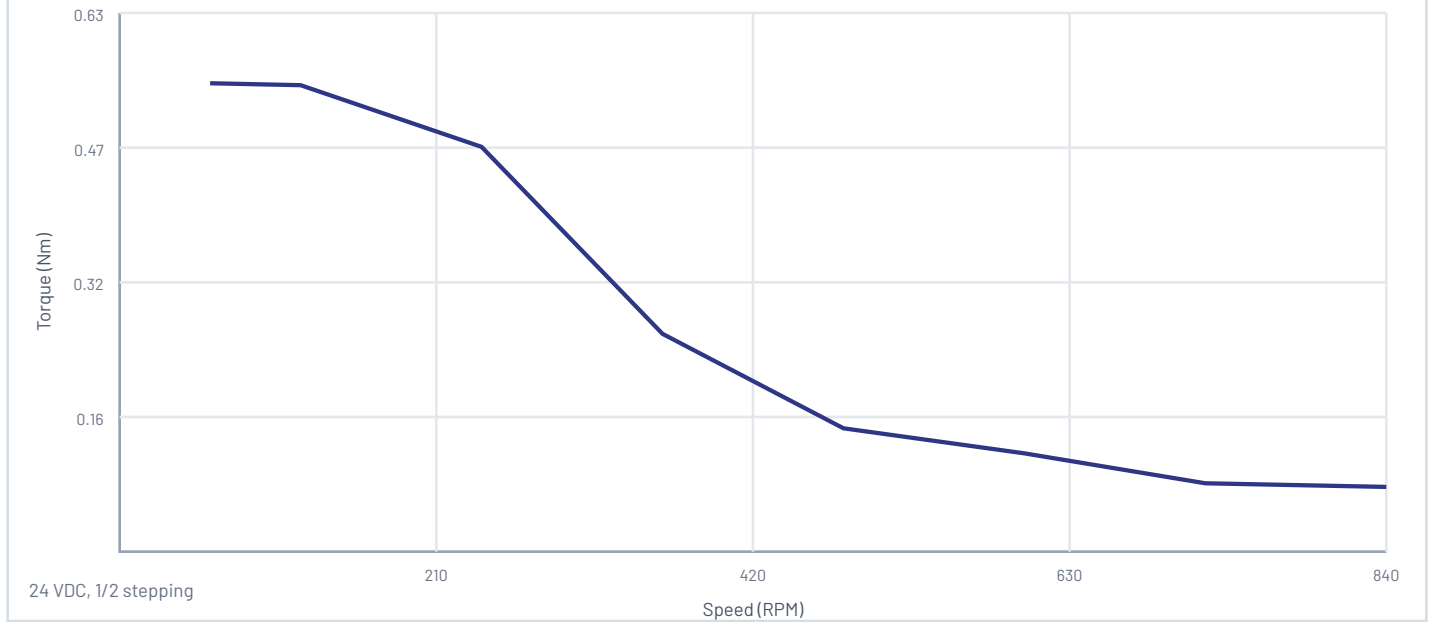
- Through-hole shaft
- Dual shafts
- Customized leads and connectors
- Bearings and greases
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	V4118L-A07S	Frame size	NEMA 17
Step angle	1.8 degrees	Connection	Serial
Body length	48.0 mm	Current	1.05 A
Resistance	5.2 Ohm	Holding torque	0.590 Nm
Rotor inertia	67.68 g-cm ²	Weight	0.318 kg
Leads	4 Wires	Voltage	24 VDC

PERFORMANCE CURVE



MOTOR DIMENSIONS

