

## MOTOR OVERVIEW

- 2-phase Hybrid Stepper Motor
- NEMA 8 | 20.3 mm frame size
- 1.8 degree step angle
- 46.5 mm body length
- 0.058 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

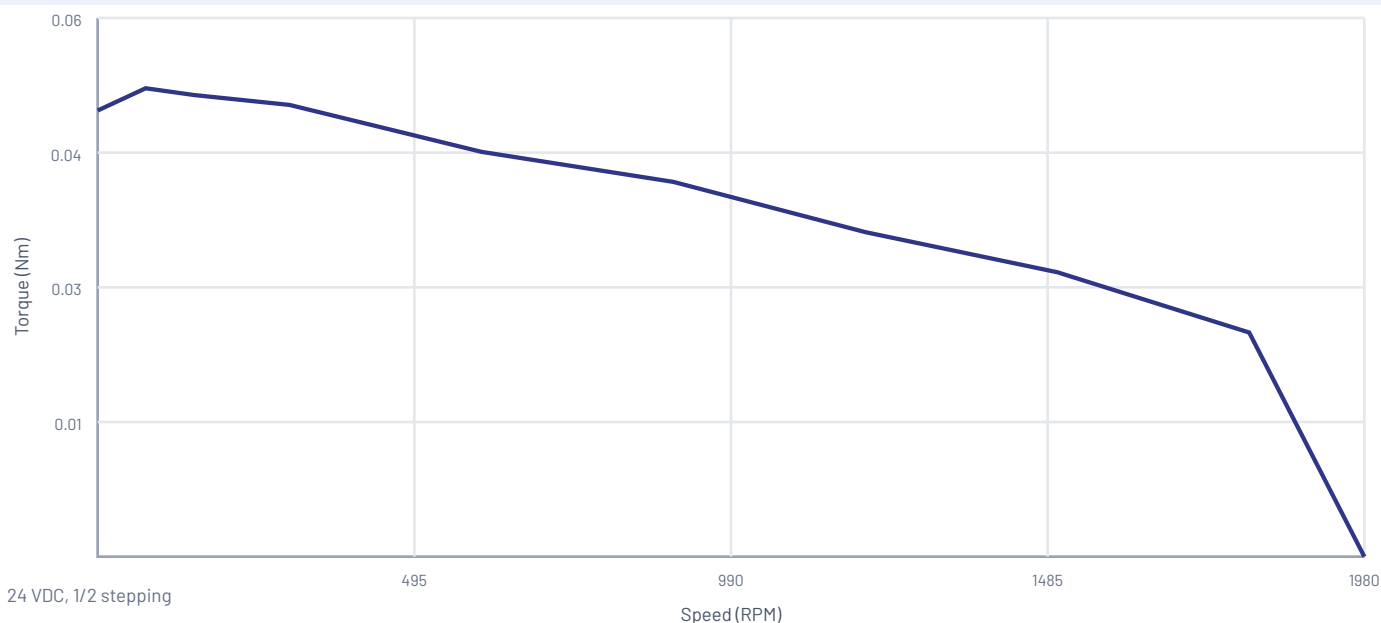
- Through-hole shaft
- Dual shafts
- Customized leads and connectors
- Bearings and greases
- Redundant winding

Many more customizations are available upon request.

## MOTOR SPECIFICATIONS

|               |                        |                |          |
|---------------|------------------------|----------------|----------|
| Part number   | VX208-047-A01          | Frame size     | NEMA 8   |
| Step angle    | 1.8 degrees            | Connection     | Bipolar  |
| Body length   | 46.5 mm                | Current        | 0.6 A    |
| Resistance    | 8 Ohm                  | Holding torque | 0.058 Nm |
| Rotor inertia | 4.20 g-cm <sup>2</sup> | Weight         | 0.080 kg |
| Leads         | Integrated Connector   | Voltage        | 24 VDC   |

## PERFORMANCE CURVE



## MOTOR DIMENSIONS

