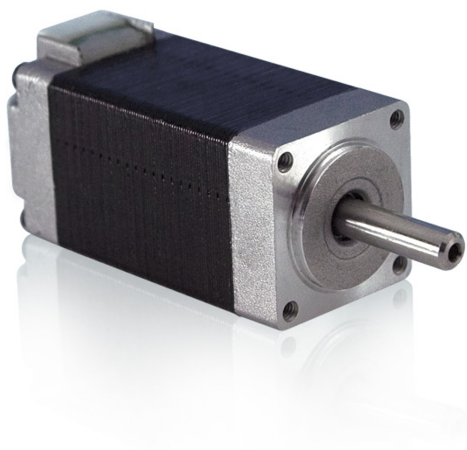




208 SERIES

WO-208-13-01D

HYBRID STEPPER MOTOR

CONFIGURATION

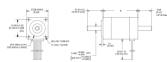
Gearbox : No Gearbox
Shaft : With Rear Shaft
Shaft Option (front shaft) : No Flat
Encoder : No Encoder

MOTOR SPECIFICATIONS

Base Motor Part Number	208-13-01
Configured Motor Part Number	WO-208-13-01D
Step Angle	1.8°
Frame Size	0.800 in
NEMA Size	NEMA 08
Body Length	1.300 in
Current (AMP)	0.6 AMP
Holding Torque	3 oz-in
Resistance	6.5
Rotor Inertia	0.01 oz-in ²
Number of leads	4
Connection	Bipolar
Weight	0.181 lbs

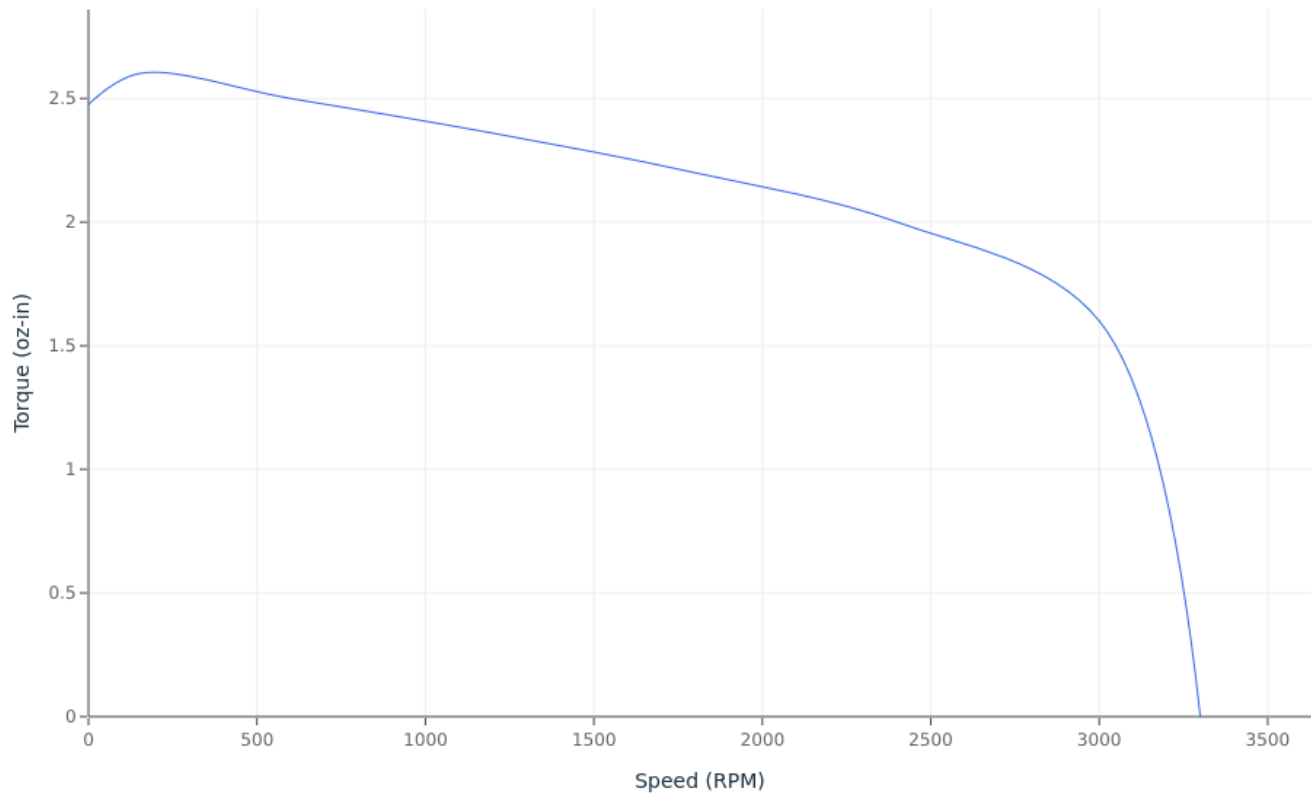
DIMENSIONS

Model	WO-208-13-01D
DIM. A (length) in Max	1.300 in



PERFORMANCE CURVE

208-13-01
24 VDC, 0.6 AMP, 1/2 stepping



OPERATING SPECIFICATIONS

Radial Play	0.001 in @ 1 lbs
End Play	0.003 in @ 3 lbs
Shaft Run Out	0.002 TIR
Concentricity of Mounting Pilot to Shaft	0.003 TIR
Perpendicularity of Mounting Pilot to Face	0.003 TIR
Max Radial Load at Dimension "K" from mounting face	4.5 lbs
Dimension "K"	0.500 in
Max Axial Load	0.45 lbs
Maximum Case Temperature	140.00 °F maximum
Ambient Temperature	-4 °F to 122.00 °F
Storage Temperature	-4 °F to 212.00 °F
Humidity Range (%)	85% or less, non-condensing
Magnet Wire Insulation	Class B 130 deg C
Insulation Resistance	100M Ohm at 500 VDC
Dielectric Strength	500 VDC for 1 min

*Do not operate the motor until its temperature has stabilized within the ambient operating range of -20°C to 50°C.

Motion Control,*Solved.*

Motor Engineering and Manufacturing



*Optimized For
Your
Applications*



*Quick Prototype
Turnaround*



*Small Batch to
OEM Volume
Production*



*US Based
Support &
Manufacturing*