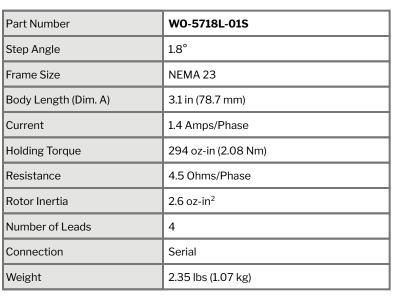
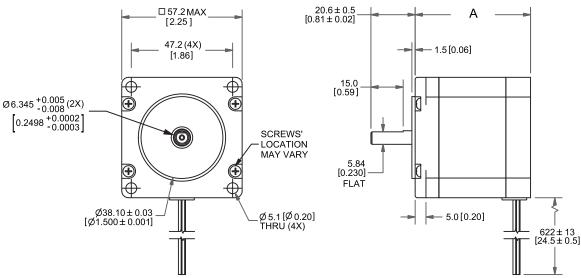
#### **MOTOR SPECIFICATIONS**



## **DIMENSIONS**





## **PERFORMANCE CURVE**

5718L-01S 24VDC, 1.4 Amps/Phase, Bipolar, 1/2 Stepping 250 1.8 1.6 200 1.4 1.2 Torque (oz-in) 150 1.0 100 0.6 50 0.4 0.2 4000 3000 Speed (pps) 10 Speed (rps)

#### **OPERATING SPECIFICATIONS**

Radial Play	0.001" max @ 1 lbs load
End Play	0.003" max @ 2 lbs load
Shaft Run Out	0.002" TIR
Concentricity of Mounting Pilot to Shaft	0.003" TIR
Perpendicularity of Shaft to Mounting Face	0.003" TIR
Max Axial Load	13 lbs
Maximum Case Temperature	80 C
Ambient Temperature	-20° to 50° C
Storage Temperature	-20° to 100° C
Humidity Range	85% or less, non-condensing
Magnet Wire Insulation	Class B 130° C
Insulation Resistance	100MΩ at 500 VDC
Dielectric Strength	500 VAC for 1 minute

#### **WIRING TABLE**

COLOR	FUNCTION
Red	A+ Phase
Blue	A- Phase
Green	B + Phase
Black	B- Phase

## **OPERATION & USAGE TIPS**



Do not disassemble motors; a significant reduction in motor performance will occur.



Do not machine shafts; this will have a negative effect on shaft run out and perpendicularity.



motor from drive while in operation.



Do not use holding torque/detent torque of motor as a fail safe brake.



Do not hold motor by lead wires.



Do not exceed the rated current; this will burn the motor

FAILURE TO COMPLY WITH THESE RECOMMENDATIONS WILL VOID ALL WARRANTY TERMS

### **RECOMMENDED**



Single Axis Controller+Driver **R356** 



Single Axis Driver R701P-R0



Single Axis Driver **R725-RO** 

# Motion Control, Solved.

**MOTOR ENGINEERING & MANUFACTURING** 







Small Batch to OEM Volume Production

