16245 Vineyard Blvd., Morgan Hill, CA 95037 Phone: (408) 919-0200 Fax: (408) 919-0201

Email: sales@linengineering.com | techsupport@linengineering.com

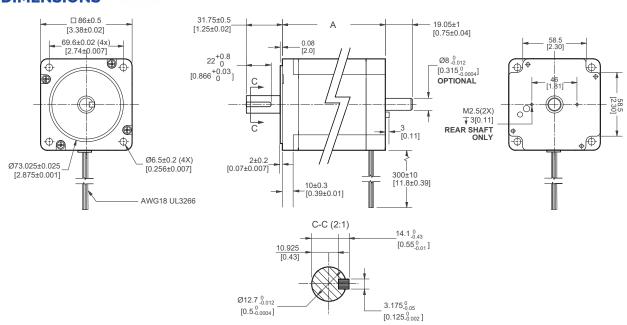
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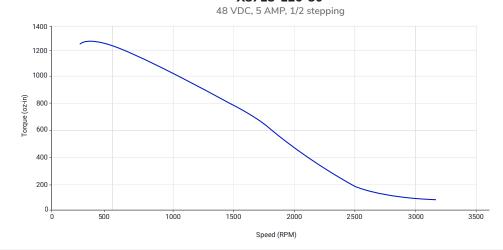
Part Number	X8718-126-50
Step Angle	1.8°
Frame Size (mm/in)	86.00/3.390
"A" Body Length (mm/in)	125.50/4.940
Current (Amps/Phase)	5.0
Holding Torque (oz-in/Nm)	1741.83/12.3
Resistance (Ohms/Phase)	0.72
Rotor Inertia (g-cm²/ oz-in²)	2200/12.03
Number of Leads	4
Connection	Bipolar
Weight (lbs/kg)	8.38/3.80

DIMENSIONS



PERFORMANCE CURVE

X8718-126-50



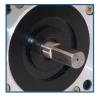
OPERATING SPECIFICATIONS

Radial Play	0.03 mm @ 0.45 kg (0.001 in @ 1.00 lbs)
End Play	0.08 mm @ 1.36 kg (0.003 in @ 3.00 lbs)
Shaft Run Out	0.05 TIR (0.002 TIR)
Concentricity of Mounting Pilot to Shaft	0.08 TIR (0.003 TIR)
Perpendicularity of Mounting Pilot to Face	0.08 TIR (0.003 TIR)
Max Radial Load at Dimension "K" from mounting face	17.69 kg (39.00 lbs)
Dimension"K"	15.75 mm (0.62 in)
Max Axial Load	6.80 kg (15.00 lbs)
Maximum Case Temperature	80°C (176°F) Maximum
Ambient Temperature	-20°C to 50°C (-4 to 122°F)
Storage Temperature	-20°C to 100°C (-4 to 212°F)
Humidity Range (%)	85% or less, non-condensing
Magnet Wire Insulation	Class B 130 ° C
Insulation Resistance	100M Ohm at 500 VCD
Dielectric Strength	500 VCD for 1 min.

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.



Do not disconnect motor from drive while in operation.



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



Do not hold motor by lead wires.



Do not exceed the rated current; this wil burn the motor.

FAILURE TO COMPLY WITH THESE RECOMMENDATIONS WILL VOID ALL WARRANTY TERMS

RECOMMENDED



Power Supply PW-150-24



Stepper Driver+Controller **R356**



Stepper Driver **R710**

Motion Control, Solved.

MOTOR ENGINEERING & MANUFACTURING





Quick Prototype Turnaround



