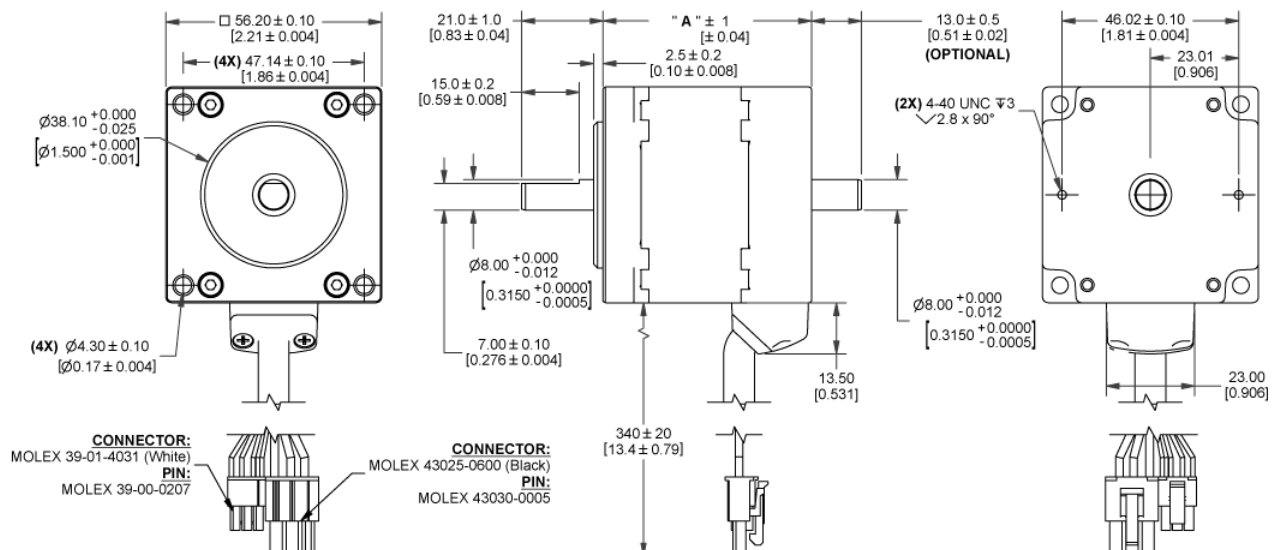


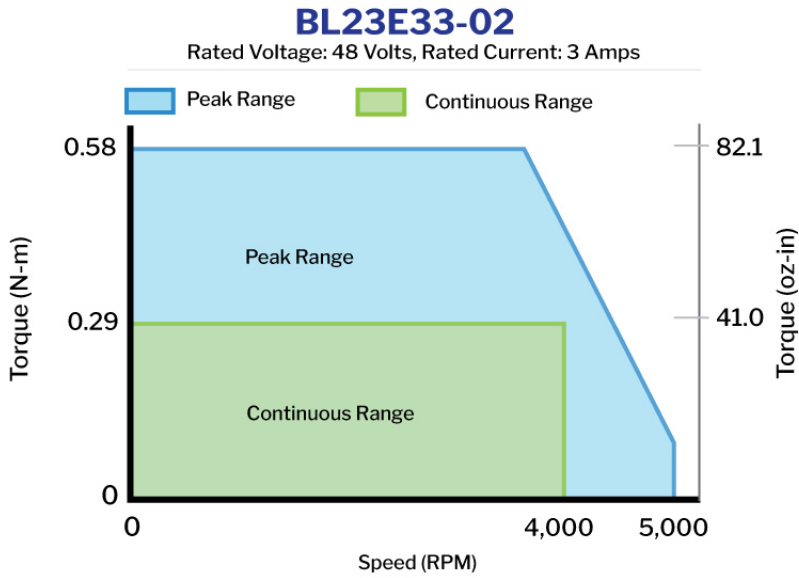


MOTOR SPECIFICATIONS

Part Number	BL23E33-02-RO
Dimension "A" Max	3.29 in [83.5mm]
Rated Voltage	48 VDC
Rated Torque	41.07 oz-in [0.29N-m]
Rated Speed	4000 RPM
Rated Power	120 Watts
Rated Current	3 Amps
Peak Torque	82.13 oz-in [0.58N-m]
Peak Current	6 Amps
Torque Constant (kt)	13.74 oz-in/Amp
Back EMF Constant (Ke)	9.02 Vp/KRPM
Motor Constant (Km)	15.76 oz-in/√W [0.111 N-m/√W]
Resistance	0.76 Ohms
Inductance	0.84 mH
Rotor Inertia	1.53 oz-in ²
Weight	2.38 lb [1.08 kg]
Electrical Time Constant	1.1 ms
Mechanical Time Constant	2.5 ms

DIMENSIONS





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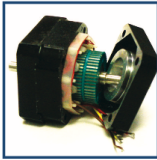
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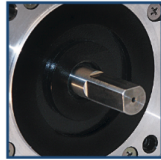
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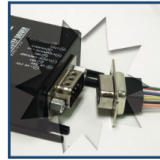
OPERATION & USAGE TIPS



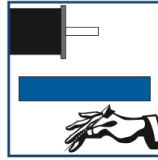
Do not disassemble motors; a significant reduction in motor performance will occur.



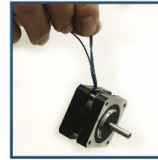
Do not machine shafts; this will have a negative effect on shaft run out and perpendicularity.



Do not disconnect motor from drive while in operation.



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

Motion Control, **Solved.**

MOTOR ENGINEERING & MANUFACTURING



Optimized For Your Application



Quick Prototype Turnaround



Small Batch to OEM Volume Production



US Based Support & Manufacturing