

# BRK-12H-80-024-xxx - Motor Friction Brake



## FEATURES

- **Fits on NEMA 23**
- **Perfect for Holding Applications**
- **Handles High Torque**
- **Compact Size**
- **Operates On Low Voltage**



## DESCRIPTION

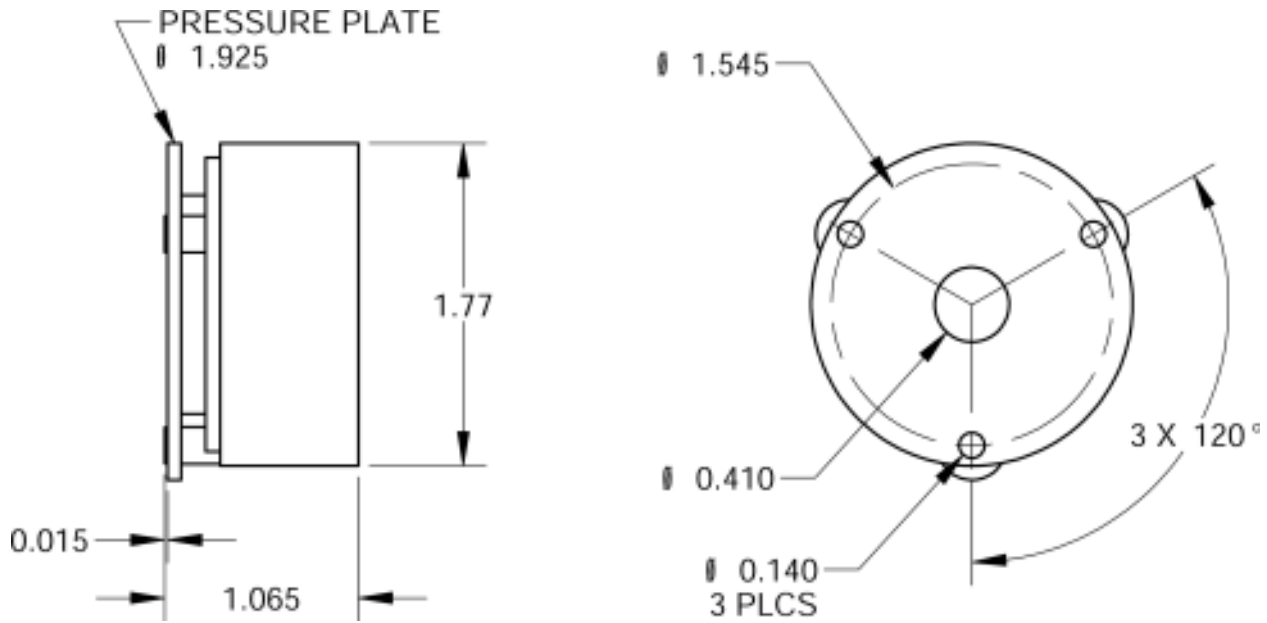
Perfect for holding applications, these friction brakes can handle high torque with a compact size. The low voltage design will operate on applications susceptible to weak battery, brown out or long wiring runs. When the electric power is applied, the armature is pulled by the electromagnetic force in the magnet body assembly, which overcomes the spring action. This allows the friction disc to rotate freely. When electrical power is interrupted, the electromagnetic force is removed and the pressure spring mechanically forces the armature plate to clamp the friction disc between itself and the pressure plate. This develops torque to hold the load.

## SPECIFICATIONS

Model #	Fits NEMA Size	Bore Size (in)	Maximum Torque (oz-in)	Maximum Torque (in-lb)	Electric Power (Watts)	Current (mA)	Voltage (V)	Diameter (in)	Width (in)	Weight (lbs)
BRK-12H-80-024-197	23	0.197	80	5	7	375	24	1.77	0.890	0.38
BRK-12H-80-024-250	23	0.250	80	5	7	375	24	1.77	0.890	0.38

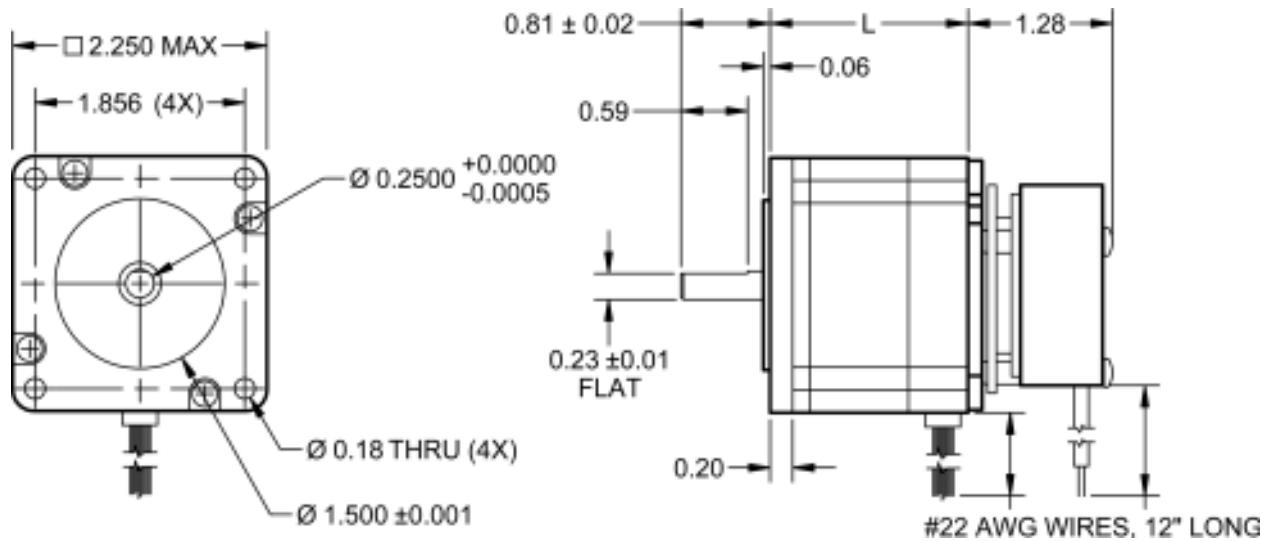
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**Brake**



\*Note: Units are in inches

**Brake Attached to Nema 23 Frame Motor**



\*Note: Units are in inches