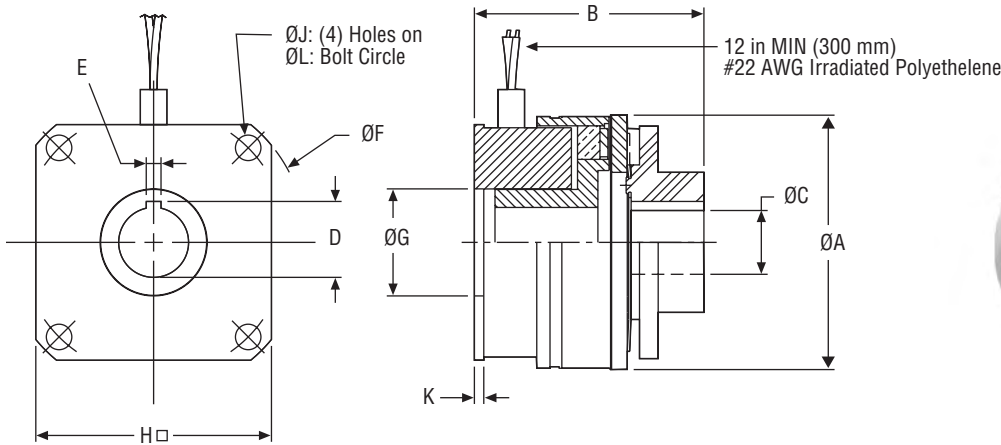


# BF-11 Brakes

## Dimensions & Specifications



BF Model Shown

Dimensions (mm)  
Mounting requirements see page 144.

DIMENSIONS												
Model*	Static Torque lb-in (Nm)	A: OD in (mm)	B: OAL in (mm)	C: Hub ID Ø in (mm)	D: K'way Height in (mm)	E: K'way Width in (mm)	F: Mtg Pilot Ø in (mm)	G: Case IDØ in (mm)	H□: Mtg Width in (mm)	J: (4) Mtg Holes Ø in (mm)	K: Mtg Plt Thickness in (mm)	L: Mtg Hole BC Ø in (mm)
BF-11B24-E04	5.0 (0.56)	1.25 (31.8)	1.14 (29.0)	.250 (6.4)	.286 (7.3)	.062 (1.6)	1.498 (38.0)	0.53 (1.35)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)
BF-11B24-E05	5.0 (0.56)	1.25 (31.8)	1.14 (29.0)	.312 (7.9)	.364 (9.2)	.094 (2.4)	1.498 (38.0)	0.53 (1.35)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)

PERFORMANCE										
Model	Static Torque lb-in (Nm)	Coil Voltage VDC	Resistance Ohms nom.	Power Watts max	Armature Engagement msec	Armature Disengagement msec	Armature Inertia lb-in-sec <sup>2</sup>	Rotor Inertia lb-in-sec <sup>2</sup>	Weight lb (kg)	Energy Dissipation ft-lb/min
BF-11	5.0 (0.56)	24/90	128/1800	5.0	5.0	18.0	3.4 x 10 <sup>-5</sup>	NA	0.2 (0.1)	175

\*See "How to order" model numbering system on page 110 for BF power-on brakes.  
(-) denotes metric equivalents. Specifications subject to change without notice.

**General Notes**

- Customer shall maintain the perpendicularity of the case assembly mounting surface with respect to the shaft within .003 T.I.R. at the diameter of the bolt circle.
- Static torque values above are burnished.
- Customer shall maintain concentricity of case assembly mounting pilot with respect to the shaft within .003 T.I.R.
- Initial working air gap at installation shall be .004/.009.
- Other voltages available upon request.
- Brake coupling armature assembly is secured to shaft by (1) set screw and key.
- Metric bores available