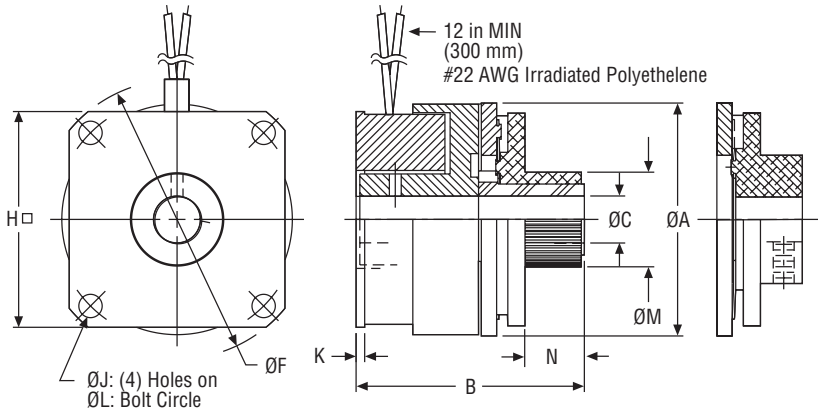


CF-11 Clutches & CFC-11 Clutch Couplings

Dimensions & Specifications



Dimensions (mm)

Mounting requirements see page 144.

CF Model

CFC Model

CF Model Shown

DIMENSIONS										
Model*	Static Torque lb-in (Nm)	A: OD in (mm)	B: OAL in (mm)	C: Bore Ø in (mm)	F: Mtg Pilot Ø 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)	M: Mtg Ø x N: Length in (mm)
CF-11B24-E04-E04	5.0 (.56)	1.25 (31.8)	1.23 (31.2)	.250 (6.4)	1.498 (38.0)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)	.507 x .33 (12.9 x 8.4)
CF-11B24-E05-E05	5.0 (.56)	1.25 (31.8)	1.23 (31.2)	.312 (7.9)	1.498 (38.0)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)	.507 x .33 (12.9 x 8.4)
CFC-11B24-E04-E04	5.0 (.56)	1.25 (31.8)	1.14 (29.0)	.250 (6.4)	1.498 (38.0)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)	NA
CFC-11B24-E05-E05	5.0 (.56)	1.25 (31.8)	1.14 (29.0)	.312 (7.9)	1.498 (38.0)	1.17 (29.7)	.125 (3.2)	0.05 (1.3)	1.31 (33.3)	NA

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 ²	Rotor Inertia lb-in-sec ²	Weight lb (kg)	Energy Dissipation ft-lb/min
CF-11	5.0 (.56)	24/90	128/1800	5.0	5.0	18.0	3.5 x 10 ⁻⁵	2.5 x 10 ⁻⁵	0.2 (0.1)	175
CFC-11	5.0 (.56)	24/90	128/1800	5.0	5.0	18.0	3.5 x 10 ⁻⁵	2.5 x 10 ⁻⁵	0.2 (0.1)	175

*See "How to order" model numbering system on page 100 for clutches & clutch couplings.
 (-) denotes metric equivalents. Specifications subject to change without notice.

General Notes

- Initial working air gap at installation shall be .004/.009.
- 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.
- Customer shall maintain concentricity of case assembly mounting pilot with respect to the shaft within .003 T.I.R.
- Customer shall maintain concentricity between armature assembly and rotor shaft within .003 T.I.R.
- Customer supplied gear/pulley/sprocket is press-fit on the clutch armature assembly knurl.
- Clutch coupling armature assembly is secured to shaft by set screws and key.
- Rotor is secured to shaft by a roll pin.
- Metric bores available
- Static torque values above are burnished.
- Other voltages available upon request.