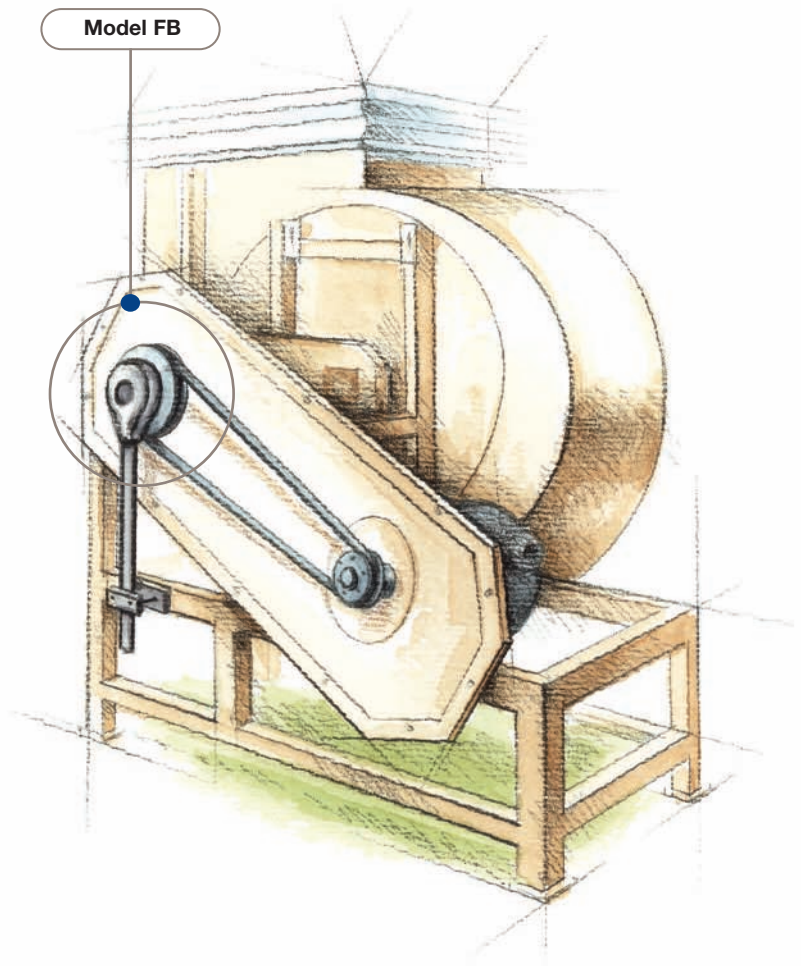


Fan Drive Applications

Backstopping



FB clutches can be mounted directly on the shaft of the fan drive and grounded with a torque arm; the unit provides a backstop function for the fan drive. When the fan is turned off, wind flow from other fans in the system or the environment can cause the fan to rotate opposite the operating direction and the FB can eliminate this problem thereby improving the life of the fan drive systems.



For Technical Assistance Call

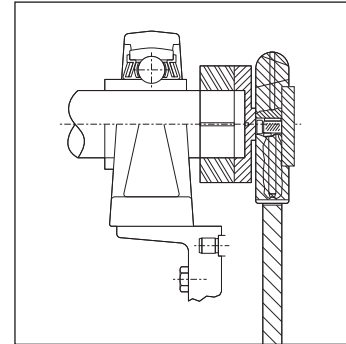
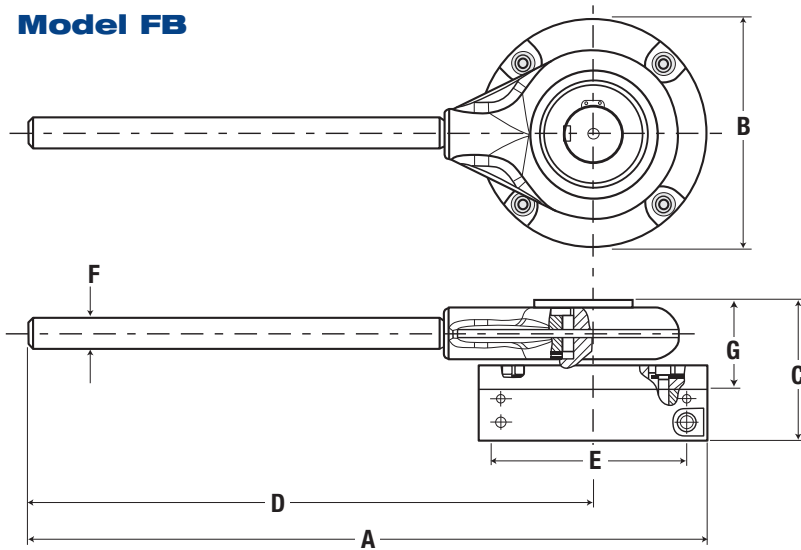
800-927-3262

 **Formsprag**
Clutch

An Altra Industrial Motion Company



Model FB



Model	A	B	C	D	E	F	G	WT.
FB-100	19.25 (488.9)	5.25 (133.4)	4.29 (108)	16.63 (422.4)	1.0/3.0 (25/76)	0.88 (22.2)	2.29 (58.2)	22 (10)
FB-350	20.00 (508)	6.75 (171.4)	4.29 (108)	16.63 (422.4)	3.0/4.5 (76/114)	0.88 (22.2)	2.29 (58.2)	27 (12.2)
FB-450	20.75 (526.4)	8.25 (209.6)	5.20 (132)	16.63 (422.4)	4.5/6.0 (114/152)	0.88 (22.2)	3.20 (80)	30 (13.6)

Model	Torque lb.ft. (Nm)	Maximum Speed PRM	Resistance after run in lb. in. (Ncm)	Maximum Bore in. (mm)
FB-100	284 (385)	2,000	8.85 (10)	3.00 (76.2)
FB-350	284 (385)	2,000	8.85 (10)	4.50 (114.3)
FB-450	483 (656)	1,800	8.85 (10)	6.00 (152.4)

Dimensions inches (mm)

Formsprag has developed the Model FB, an economical line of low torque clutches with the required bore range for mounting on smooth shafts at almost any location without a key.

The ability to clamp onto the smooth shaft makes the Model FB ideal for an economical solution to windmilling in existing fan applications.



Overrun Test Setup



Ultimate Torque Test Setup



Formsprag Clutch

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