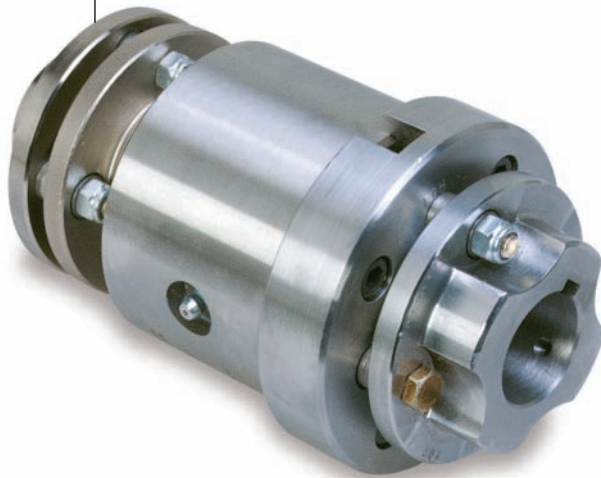
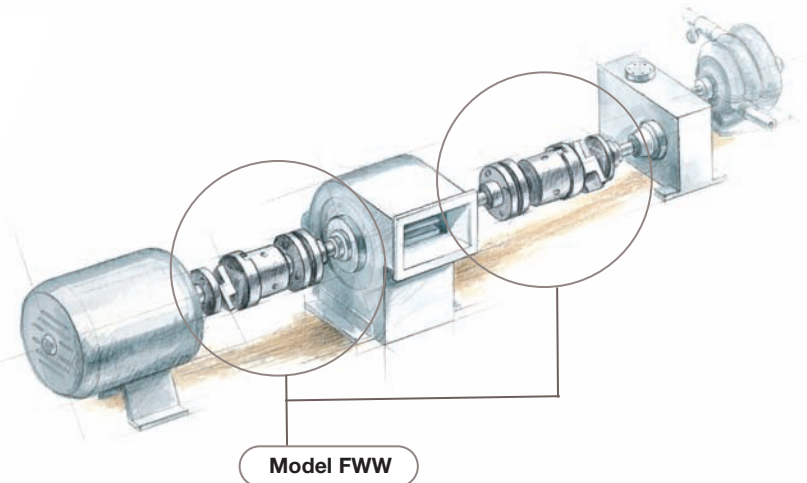


Dual Drive Applications



Overrunning

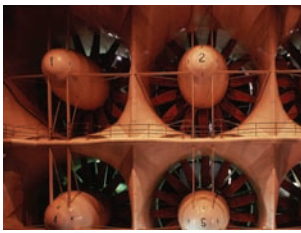
FWW clutch coupling is used on in-line mounting of dual drive systems of fans and pumps to provide a smooth transfer of power from one drive/power system to another (electric motor to steam turbine and gear reducer). The model FWW clutch coupling mounted between the output of a steam turbine reducer and the fan allows this fan to be initially started with an electric motor without back driving the steam turbine. When steam becomes available the FWW allows the steam turbine drive to come up to speed (over any amount of time) and automatically transfer power. When the speeds are matched, the starting electric motor can be turned off to save its utility cost.



For Technical Assistance Call

800-927-3262

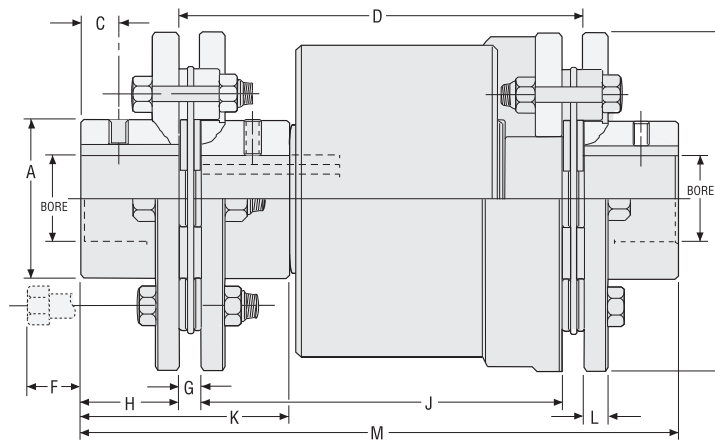
 **Formsprag®**
Clutch
An Altra Industrial Motion Company



Model FWW

Specifications

FWW Size	Torque Capacity lb.ft. (Nm)	HP Rating/ 100 RPM hp (kw)	Maximum RPM Overrunning Speed							Clutch Size	Shipping Weight lb (kg)	Bore Range
			Standard Sprag			C/T Sprag						
			Outer Race	Inner Race	Drive Speed	Outer Race	Inner Race	Sprag Lift-off	Drive Speed			
420	183 (248)	3.5 (2.6)	850	2,800	6,200	5,000	2,800	1,300	1,100	FSO-400	20 (9)	.37 / 2.12
530	575 (782)	11.0 (8.2)	800	2,500	5,000	4,000	2,500	1,200	1,000	FSO-500	42 (19)	.6 / 2.87
640	1,500 (2040)	29.0 (21.6)	750	2,200	3,750	3,600	2,200	1,200	1,000	FSO-600	91 (41)	.7 / 3.75
745	2,520 (3427)	48.0 (35.8)	450	1,600	3,000	2,500	1,600	1,000	800	FSO-700	150 (68)	1.37 / 4.62
755	4,725 (6426)	90.0 (67.1)	650	1,000	2,800	1,800	1,000	800	650	FSO-750	323 (147)	1.25 / 5.75



Dimensions inches (mm)

Coupling sizes 420 through 745 have PCE sprags. C/T sprags are available for all sizes.

Size	A	B	C	D	F	G	H	J	K	L	M
420	2.40 (60.96)	4.08 (103.63)	0.50 (12.70)	5.68 (144.27)	0.87 (22.10)	0.34 (8.64)	1.32 (33.53)	5.00 (127.00)	2.98 (75.69)	0.35 (8.89)	8.32 (211.33)
530	3.30 (83.82)	5.63 (143.00)	0.69 (17.53)	7.55 (191.77)	1.25 (31.75)	0.47 (11.94)	1.88 (47.75)	6.61 (167.89)	4.23 (107.44)	0.55 (13.97)	11.31 (287.27)
640	4.65 (118.11)	7.64 (194.06)	0.94 (23.88)	8.98 (228.09)	1.30 (33.02)	0.60 (15.24)	2.50 (63.50)	7.78 (197.61)	5.60 (142.24)	0.65 (16.51)	13.98 (355.09)
745	5.40 (137.16)	8.43 (214.12)	1.20 (30.48)	11.15 (283.21)	0.62 (15.75)	0.85 (21.59)	3.00 (76.20)	9.45 (240.03)	6.85 (173.99)	0.65 (16.51)	17.15 (435.61)
755	6.65 (168.91)	10.85 (275.59)	1.56 (39.62)	14.28 (362.71)	1.75 (44.45)	1.07 (27.18)	4.00 (101.60)	12.14 (308.36)	9.07 (230.38)	1.00 (25.40)	22.28 (565.91)

For additional information, see Catalog P-956-FC or visit our website at www.formsprag.com



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