



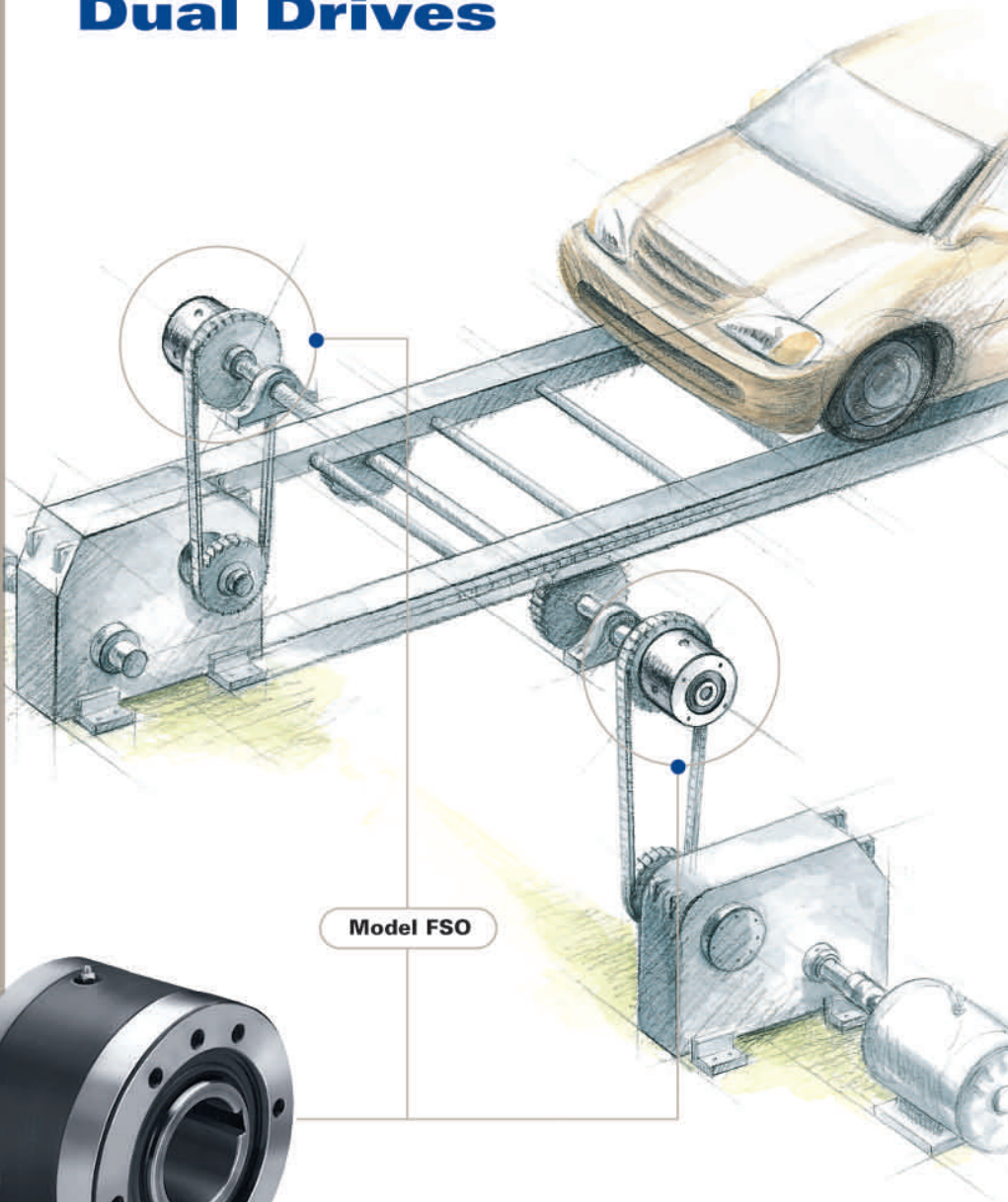
Application:

Overrunning

FSO overrunning clutch is mounted on the head shaft of a conveyor system to provide instantaneous switching from the primary drive to a stand-by drive to reduce down time. Mounting the FSO clutch between each drive and the conveyor provides the automatic clutching and de-clutching when switching from one drive to another without any utility or input to the clutch. Using the FSO clutch on dual drive applications reduces installation and operating costs by eliminating controls or actuation mechanisms.

*Product Solutions for
Conveyor Applications*

Dual Drives



Material Handling

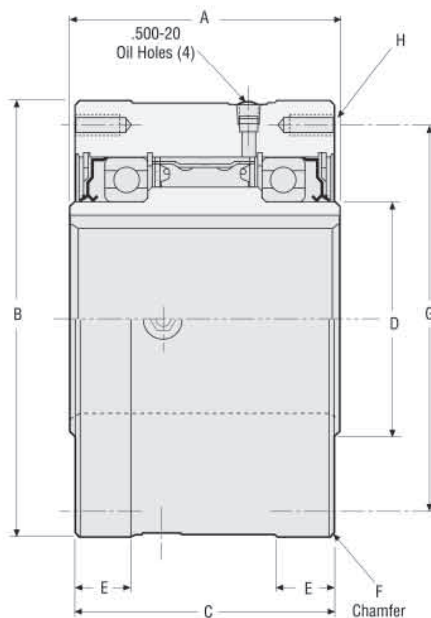
 **Formsprag**
Clutch



Model FSO

Specifications

Torque Capacity lb.ft. (Nm)		Maximum RPM								Resistance after run-in lb.ft. (Nm)	Lubrication			Shipping Weight lb (kg)		
		Standard Models				C/T Sprag Models										
		Overrunning Speed				Overrunning Speed		Max. drive			Sprag lift-off		Grease		Oil	
		FS		FSO									FSO oz (ml)		HPI oz (ml)	FS oz (ml)
		Inner Race	Outer Race	Inner Race	Outer Race	Inner Race	Outer Race									
Size																
750	7,000 (9660)	1,000	650	1,800	650	1,000	1,800	650	800	3.75 (5.08)	7.5 (222)	13 (384)	7 (207)	83 (38)		
800	13,000 (17,940)	850	525	1,500	525	850	1,500	525	675	5.25 (7.12)	7.5 (222)	15 (444)	8.5 (251)	102 (46)		
900	18,000 (24,408)	700	500	1,350	500	700	1,350	500	650	6.25 (8.47)	18 (532)	16 (473)	11.5 (340)	156 (71)		
1027	27,000 (36,612)	500	375	1,100	375	500	1,100	375	475	10.00 (13.56)	22 (651)	32 (946)	16 (473)	250 (113)		



Dimensions Inches (mm)

Size	A	B	C	D	E	F	G	H	
								Number	Bore Range
750	6.00 (152.4)	8.750/8.748 (222.25/222.20)	5.88 (149.22)	4.25 (107.95)	1.25 (31.75)	.06 x 45° (1.58 x 45°)	7.00 (177.80)	8	2.25 / 3.43
800	6.00 (152.4)	10.000/9.998 (254.00/253.95)	5.88 (149.22)	5.50 (139.70)	1.25 (31.75)	.06 x 45° (1.58 x 45°)	8.94 (227.01)	8 @ 45°	2.6 / 4.43
900	6.38 (161.9)	12.000/11.997 (304.80/304.72)	6.25 (158.75)	6.38 (161.92)	1.38 (34.92)	.06 x 45° (1.58 x 45°)	9.75 (247.65)	10 @ 36°	3.6 / 5.43
1027	6.63 (168.3)	15.000/14.997 (381.00/380.92)	6.50 (165.10)	9.00 (228.60)	1.38 (34.92)	.13 x 45° (3.17 x 45°)	11.75 (298.45)	12 @ 30°	4.9 / 7.00

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



Formsprag Clutch

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