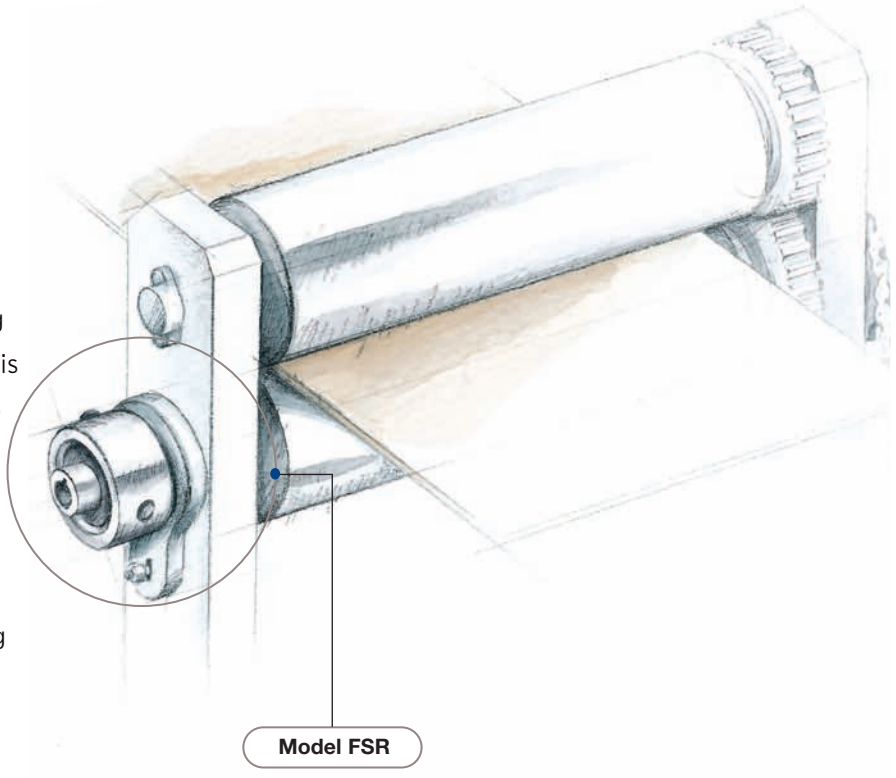


Punch Press Feed Drive Applications

Backstopping



FSR clutches are used as a backstopping clutch on a press feed drive by mounting the clutch on one end of the drive roller and grounding the outer race with a torque arm. This installation allows the drive roller to rotate in only the desired direction. Press feed rollers for applications using steel and other stiff materials pulling from a coil need to resist the material's natural tendency to spring backwards or re-coil.



For Technical Assistance Call

800-927-3262

Formsprag Clutch

An Altra Industrial Motion Company





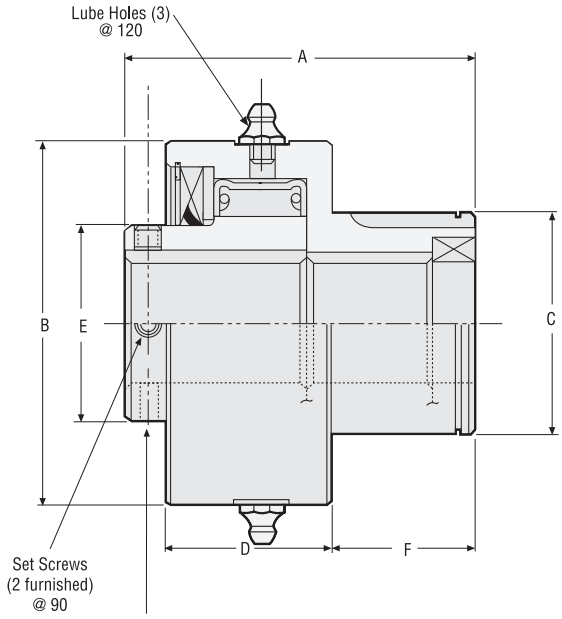




Model FSR

Specifications

Size	Torque Capacity lb.ft. (Nm)	Overrunning Speed Max. RPM Inner Race	Overrunning Speed Max. RPM Outer Race	Resistance after run-in lb.ft. (Nm)	Keyseat in Hub (W) (output) in (mm)	Max. Bore Keyseat in (mm)	Lubrication (Grease) Required oz (ml)	Bore Range
3	40 (55)	1,950	900	.20 (.27)	1/8 x 1/16 (3.18 x 1.58)	—	Grease	.375 / .500
5	110 (152)	1,950	900	.50 (.68)	3/16 x 3/32 (4.76 x 2.38)	3/16 x 3/32 (4.76 x 2.38)	.25 (7.4)	.500 / .687
6	300 (414)	1,950	750	1.68 (2.28)	3/16 x 3/32 (4.76 x 2.38)	3/16 x 1/16 (4.76 x 1.58)	.375 (11.1)	.750 / .875
8	450 (621)	1,650	600	2.80 (3.80)	1/4 x 1/8 (6.35 x 3.17)	1/4 x 3/32 (6.35 x 2.38)	.5 (14.8)	.688 / 1.125
10	675 (931)	1,250	350	3.50 (4.75)	5/16 x 5/32 (7.93 x 3.96)	5/16 x 1/8 (7.93 x 3.17)	.5 (14.8)	.875 / 1.375
12	1,350 (1863)	1,150	350	5.84 (7.90)	3/8 x 3/16 (9.52 x 4.76)	3/8 x 1/8 (9.52 x 3.17)	.75 (22.2)	1.125 / 1.625
14	1,600 (2208)	950	250	6.87 (9.30)	7/16 x 7/32 (11.11 x 5.54)	1/2 x 1/4 (12.70 x 6.35)	1 (29.6)	1.375 / 1.875
16	1,800 (2484)	950	250	6.87 (9.30)	1/2 x 1/4 (12.70 x 6.35)	1/2 x 1/8 (12.70 x 3.17)	1 (29.6)	1.500 / 2.187



Dimensions Inches (mm)

Size	A	B	C	D	E	F
3	1.88 (47.62)	1.63 (41.27)	.875/.874 (22.23/22.20)	.69 (17.46)	.70 (17.78)	.81 (20.64)
5	2.75 (69.85)	2.00 (50.80)	1.250/1.249 (31.75/31.72)	1.25 (31.75)	1.00 (25.40)	1.00 (25.40)
6	3.19 (80.95)	2.88 (73.00)	1.375/1.374 (34.93/34.90)	1.56 (39.67)	1.38 (34.92)	1.31 (33.32)
8	3.56 (90.50)	3.25 (82.55)	1.750/1.749 (44.45/44.42)	1.75 (44.45)	1.62 (41.27)	1.44 (36.50)
10	3.50 (88.90)	3.75 (95.25)	2.250/2.249 (57.15/57.12)	1.75 (44.45)	2.03 (51.59)	1.44 (36.50)
12	3.88 (98.42)	4.44 (112.70)	2.500/2.499 (63.50/63.47)	1.94 (49.20)	2.38 (60.32)	1.44 (36.50)
14	4.38 (111.12)	5.50 (139.70)	2.875/2.874 (73.03/73.00)	2.19 (55.56)	3.00 (76.20)	1.75 (44.45)
16	4.38 (111.12)	5.50 (139.70)	3.250/3.249 (82.55/82.52)	2.19 (55.56)	3.00 (76.20)	1.75 (44.45)

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

Formsprag Clutch

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