

Model FHB High Speed External Backstops







Designed for use on inclined conveyor and bucket elevators

Formsprag's 60+ years of backstopping experience has been used to create a new design with inner race Centrifugal Throw-out Sprags to meet your backstopping requirements for inclined conveyors or bucket elevators that are using a Falk Gear Reducer with the backstop mounted externally on the high speed or intermediate shaft.

The Model FHB is available in three sizes:

FHB-10 Bore range is 1.13 to 1.88 inches
FHB-20 Bore range is 1.75 to 2.25 inches
FHB-60 Bore range is 2.25 to 3.75 inches

Metric bores available

Features include:

- Superior drop in replacement for Falk® Model BIF
- No mounting modifications required to Falk gear reducer
- Higher speed range with Formsprag design
- Greater torque capacity in a smaller envelope
- Centrifugal throw-out sprags
- Bearing B-10 life of more than 100 years
- Superior no-maintenance design
- OSHA cover option
- Components stocked for shorter lead times

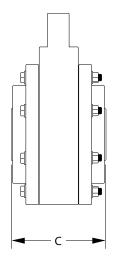


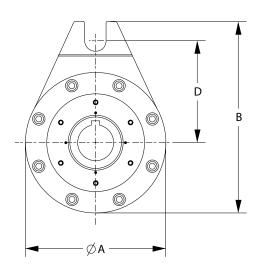






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Formsprag FHB

BORE (in)							SPEED (RPM)		TORQUE	
Model No.	Min	Max	Α	В	C	D	Min	Max	lb.ft.	N-m
FHB-10	1.13	1.88	6.88	8.38	4.13	4.13	400	2,400	1,734	2350
FHB-20	1.75	2.25	8.23	11.26	5.50	6.00	400	2,000	1,734	2350
FHB-60	2.25	3.75	12	15.25	6.50	7.75	400	1,800	4,130	5600

Falk BIF

BORE (in)							SPEE	SPEED (RPM)		TORQUE	
Model No.	Min	Max	Α	В	C	D	Min	Max	lb.ft.	N-m	
10BIF	1.13	1.63	7.28	8.59	4.13	4.13	400	1,800	541	736	
20BIF	1.75	2.25	10.28	12.27	5.50	6.00	400	1,800	1,155	1571	
60BIF	2.25	3.75	13.03	15.78	6.50	7.75	400	1,800	3,360	4570	

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For Applications Assistance Call

800-927-3262

