

BRUS Series [For High-Speed Overrunning]



Features

LONGER LIFE Lift-off type cam design extends service life.

LOW OPERATING TEMPERATURE

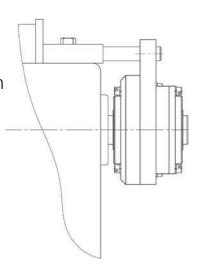
SUPERIOR PERFORMANCE Higher torque capacity and non-rollover cam design prevents failures.

ADVANCED PROTECTION Special felt ring seals and Labyrinth body seals prevent leaking or ingress of contaminants.

FLEXIBLE DESIGN Torque arm design allows for re-use during regular maintenance and replacement.

Application Example

Tsubaki's BRUS series backstops are designed to replace the Falk® BIF model external high-speed backstops.









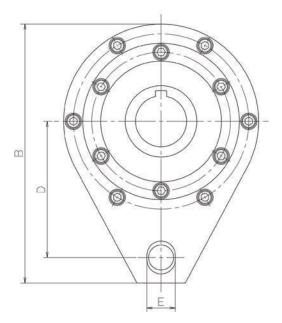


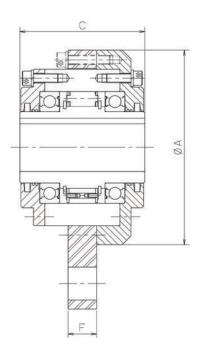






Dimensions





Model	Torque Capacity Ib.ft.	Inner Race Overrunning Speed (r/min)		Bore in. (mm)		A in.	B in.	C in.	D in.	E in.	F in.	Weight lb (kg)
	(Nm)	Min.	Max.	Min.	Max.	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
DDUCAT	700	400	2000	1.125	1.625	6.50	8.21	4.13	4.13	0.81	0.98	42
BRUS45	950	400	3600	28.58	41.4	165	208.5	104.9	104.78	20.64	25	19
BRUS60	1770	400	2400	1.750	2.250	8.58	11.42	5.50	6.00	1.25	1.26	64
	2400			44.45	57.15	218	290	139.7	152.40	31.80	32	29
DDLICOO	4420	400	1900	2.250	3.750	11.65	15.08	6.50	7.75	1.88	1.50	132
BRUS90	6000	400	1800	57.15	95.25	296	383	165.1	196.85	47.70	38	60

Interchange Chart

Manufacturer	Tsubaki	Falk®	Formsprag®	Ringspann®	
Size	BRUS45	10BIF	FHB-10	FRXF550	
Max. Bore (inch)	1.625	1.625	1.880	1.630	
Size	BRUS60	20BIF	FHB-20	FRXF700	
Max. Bore (inch)	2.250	2.250	2.250	2.940	
Size	BRUS90	60BIF	FHB-60	FRXF775	
Max. Bore (inch)	3.750	3.750	3.750	3.750	

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