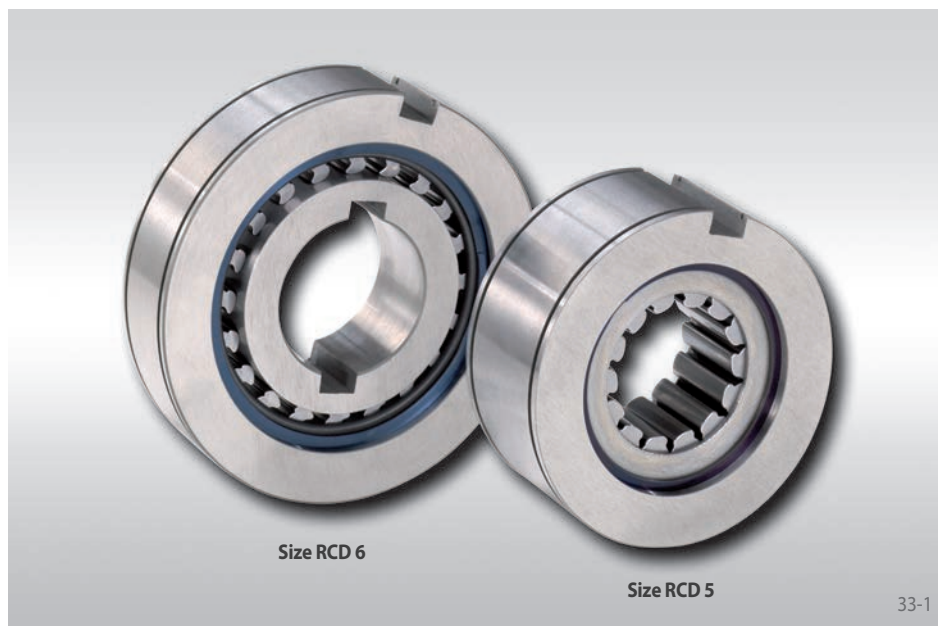


specifically designed as an interchange backstop for shaft mounted reducers with sprags



Application as

▶ Backstop

Features

Internal Freewheels RCD are sprag freewheels without bearing support. They are specifically designed as interchange backstops for shaft mounted reducers.

The freewheel is incorporated into the customer's housing, allowing for a compact, space saving solution.

Freewheel size	Freewheel Diameter	Outer Keyway	Width	Shaft Diameter	Inner Ring Bore Diameter	Inner Ring Kw	Weight
	inch	inch	inch	inch	inch	inch	lbs
RCD 3	1.849/1.848	1/4 x 1/8	0.875	0.7383/0.7378	NA	NA	0.5
RCD 4	2.4395/2.4385	1/4 x 1/8	1.188	0.8891/0.8881	NA	NA	1.1
RCD 5	3.149/3.148	3/8 x 3/16	1.438	1.215/1.214	NA	NA	2.3
RCD 6	3.936/3.935	3/8 x 3/16	1.063	NA	1.5010/1.5015	3/8 x 3/16 (2@180)	2.6
RCD 7	3.936/3.935	3/8 x 3/16	1.063	NA	1.5010/1.5015	3/8 x 3/16 (2@180)	2.7
RCD 8	4.499/4.498	3/8 x 3/16	1.063	NA	1.7510/1.7515	3/8 x 3/16 (2@180)	3.6
RCD 9	4.499/4.498	3/8 x 3/16	1.063	NA	1.7510/1.7515	3/8 x 3/16 (2@180)	3.6
RCD 10	4.499/4.498	3/8 x 3/16	1.563	NA	1.7510/1.7515	3/8 x 3/16 (2@180)	5.2
RCD 12	4.499/4.498	3/8 x 3/16	1.563	NA	1.7510/1.7515	3/8 x 3/16 (2@180)	5.2
RCD 13	4.625/4.624	1/2 x 1/4	1.937	NA	1.9375/1.9385	7/16 x 7/32	6.5

Internal Backstops for Shaft Mount Gearbox.
RCD 3 to RCD 5 ride directly on reducer shaft (no inner ring).
Includes Keys.

Mounting

Internal Freewheels RCD are used to interchange backstops installed by the gearbox manufacturer. Installation instructions and recommendations by the gearbox manufacturer should be followed for the safe operation and longevity of the backstop.

Lubrication

Oil lubrication as specified by the gearbox manufacturer should be used. Lubrications containing molybdenum disulphide must not be used.