

Internal Freewheels RC 200

for keyway connection on the outer ring with sprags



Application as

▶ Backstop

Features

Internal Freewheels RC 200 are sprag free-wheels without inner ring or bearing support. The customer's hardened and ground shaft is used as the inner ring.

Maximum torques up to 1 240 lb-ft.

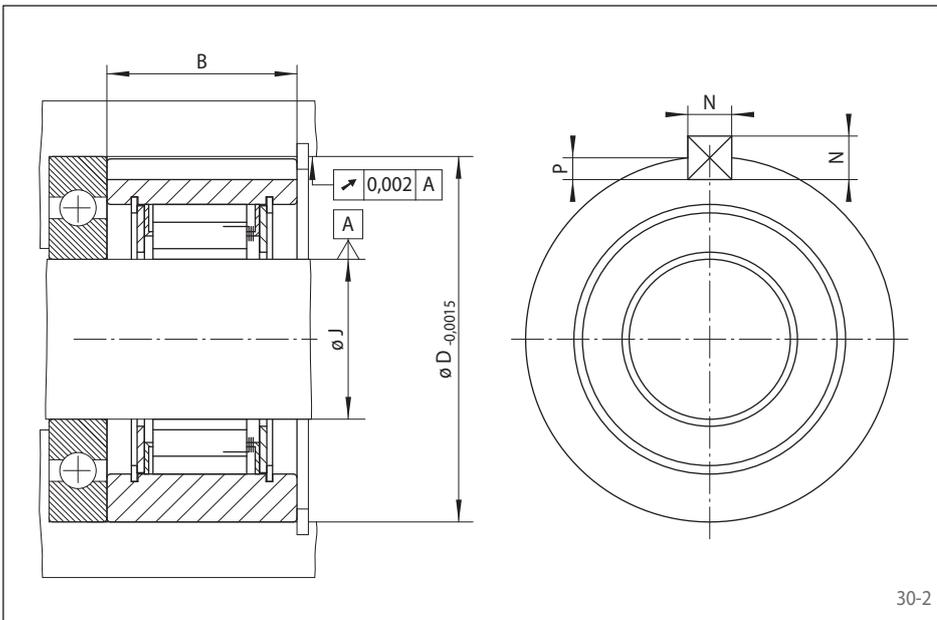
The freewheel is incorporated into the customer's housing, allowing for a compact, space saving solution.

Mounting

Internal Freewheels RC 200 require bearing support and a shaft hardened to HRC 58-62 with a 0.060 inch case depth after grinding to a 16 micro finish. Concentric alignment of the shaft and housing bore is required.

Lubrication

Internal Freewheels RC 200 require either grease or oil lubrication. Lubrications containing molybdenum disulphide must not be used.



Freewheel Size	Standard type For universal use		Dimensions						
	Maximum torque M_M lb-ft	Nominal torque M_N lb-ft	Housing Bore Diameter D inch	Freewheel Diameter D inch	B inch	Shaft Diameter J inch	Keyway $N \times P$ inch	Use with bearing	Weight lbs
RC 205	220	110	2.0482	2.0463	1.000	0.929/0.930	$\frac{3}{16} \times \frac{3}{32}$	205	0.75
RC 206	390	195	2.4422	2.4403	1.125	1.289/1.290	$\frac{1}{4} \times \frac{1}{8}$	206	1.00
RC 207	650	325	2.8360	2.8341	1.125	1.656/1.657	$\frac{1}{4} \times \frac{1}{8}$	207	1.25
RC 208	900	450	3.1510	3.1491	1.250	1.840/1.841	$\frac{3}{8} \times \frac{3}{16}$	208	1.75
RC 210	1 240	620	3.5447	3.5248	1.250	2.208/2.209	$\frac{3}{8} \times \frac{3}{16}$	210	2.00

See page 9 for determination of selection torque.