

Bearing Product Number Search Tool

Deep Groove Ball Brgs. (With snap ring)

Product number: **6003NR**

[CAD data \(external link\)](#)

Main specifications

Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN)	Limiting speed (min ⁻¹)		Mass (kg) <approx.>
Bore dia. d	Outside dia. D	Width B	Chamfer r_s min	Dynamic C_r	Static C_{0r}	C_u	Grease	Oil	
17	35	10	0.3	7.55	3.35	0.243	20 000	24 000	0.039

Snap ring groove dimensions (mm)				Snap ring dimensions (mm)		Abutment and fillet dimensions (mm)							
D_1	a	b	r_0	D_2	f	d_a		D_a	D_x	C_y	C_z	r_{as}	r_{Nas}
max	max	min	max	max	max	min	max	max	<approx.>	max	min	max	max
33.17	2.06	1.35	0.4	39.7	1.12	19	21	33	40.5	2.9	1.2	0.3	0.3

Reference drawing

