

Bearing Product Number Search Tool

Angular Contact Ball Brgs. (Back-to-back arrangement)

Product number: **7307BDB**

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

Main specifications

Boundary dimensions (mm)					Basic load ratings (kN)		Fatigue load limit (kN)	Limiting speed (min ⁻¹)		Load center (mm)	Mass (kg) <approx.>
Bore dia. d	Outside dia. D	Width $2B$	Chamfer r_s min	r_{1s} min	Dynamic C_r	Static C_{0r}	C_u	Grease	Oil	a	
35	80	42	1.5	1	66.0	48.5	1.89	6 800	9 000	34.5	0.938

Abutment and fillet dimensions (mm)					
d_a min	d_b min	D_a max	D_b max	r_{as} max	$r_{1 as}$ max
43.5	40.5	71.5	74.5	1.5	1

Reference drawing

