

Bearing Product Number Search Tool

Angular Contact Ball Brgs. (Face-to-face arrangement)

Product number: **7309BDF**

[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	
45	100	50	1.5	1	105	81.0	3.15	5 400	7 200	43	1.708

Abutment and fillet dimensions (mm)					
d_a min	d_b min	D_a max	D_b max	r_{as} max	$r_{1 as}$ max
53.5	50.5	91.5	94.5	1.5	1

Reference drawing

