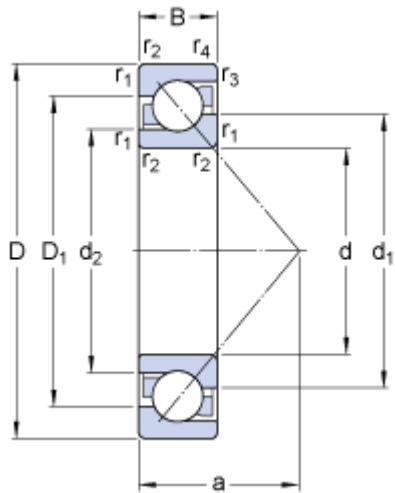


7312 BECBJ

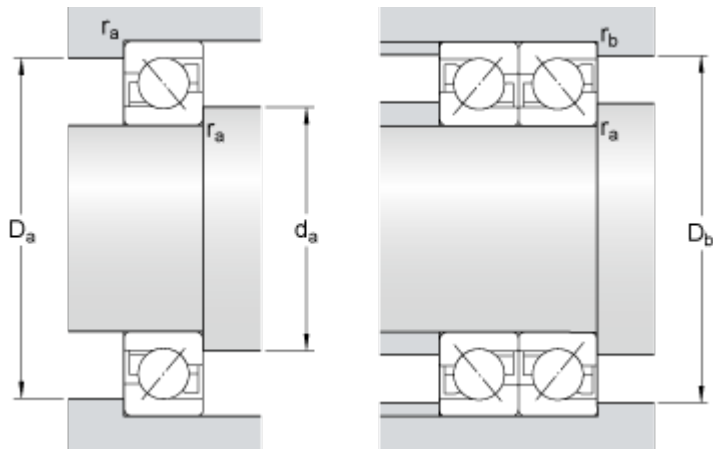
SKF Explorer

Dimensions



d	60	mm
D	130	mm
B	31	mm
d_1	≈ 87.25	mm
d_2	≈ 72.6	mm
D_1	≈ 104.8	mm
a	55	mm
$r_{1,2}$	min. 2.1	mm
$r_{3,4}$	min. 1.1	mm

Abutment dimensions



d_a	min. 72	mm
D_a	max. 118	mm
D_b	max. 123	mm
r_a	max. 2	mm
r_b	max. 1	mm

Calculation data

Basic dynamic load rating	C	104	kN
Basic static load rating	C_0	76.5	kN
Fatigue load limit	P_u	3.2	kN
Reference speed		4500	r/min
Limiting speed		6700	r/min
Calculation factor	A	84.58	
Calculation factor	k_r	0.1	
Calculation factor	e	1.14	

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35	
Calculation factor	Y_0	0.26	

Calculation factor	Y_2	0.57
Bearing pair arranged back-to-back or face-to-face		
Calculation factor	X	0.57
Calculation factor	Y_0	0.52
Calculation factor	Y_1	0.55
Calculation factor	Y_2	0.93

Mass

Mass bearing	1.75	kg
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