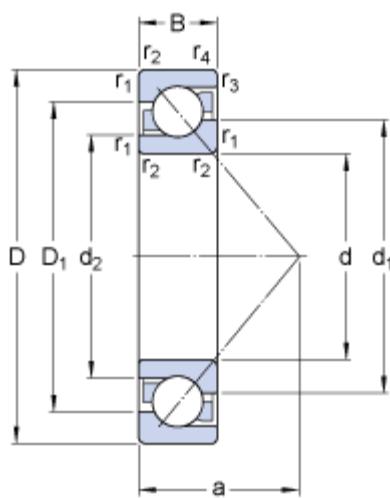


7310 BECBJ

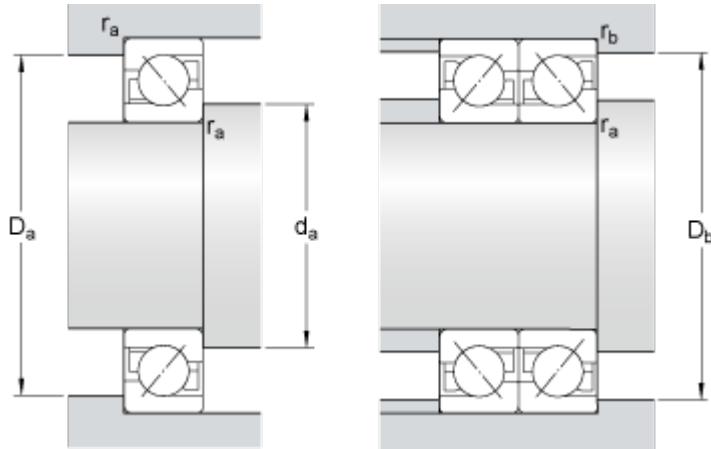
Popular item
SKF Explorer

Dimensions



d	50	mm
D	110	mm
B	27	mm
d_1	≈ 73.8	mm
d_2	≈ 61.13	mm
D_1	≈ 88.8	mm
a	47	mm
$r_{1,2}$	min. 2	mm
$r_{3,4}$	min. 1	mm

Abutment dimensions



d_a	min.	61	mm
D_a	max.	99	mm
D_b	max.	104	mm
r_a	max.	2	mm
r_b	max.	1	mm

Calculation data

Basic dynamic load rating	C	75	kN
Basic static load rating	C_0	51	kN
Fatigue load limit	P_u	2.16	kN
Reference speed		7500	r/min
Limiting speed		8000	r/min
Calculation factor	A	0.0418	
Calculation factor	k_r	0.1	
Calculation factor	e	1.14	

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35
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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 1.1 kg