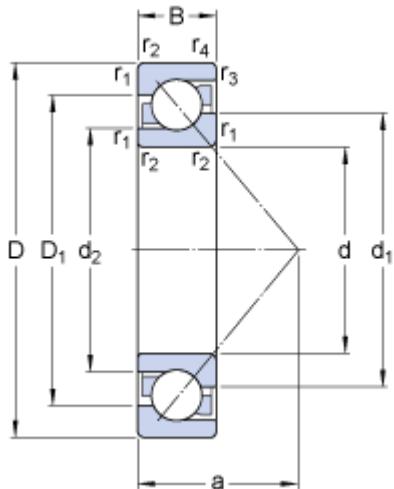


7211 BECBM

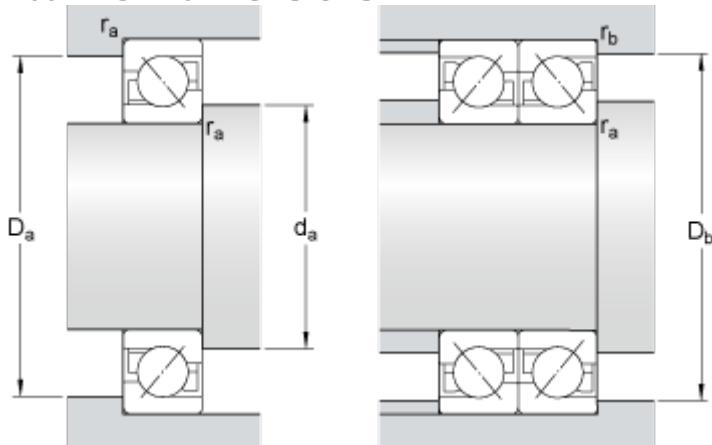
SKF Explorer

Dimensions



d	55	mm
D	100	mm
B	21	mm
d_1	\approx 72.45	mm
d_2	\approx 63.62	mm
D_1	\approx 83.3	mm
a	43	mm
$r_{1,2}$	min.	1.5 mm
$r_{3,4}$	min.	1 mm

Abutment dimensions



d_a	min.	64	mm
D_a	max.	91	mm
D_b	max.	94	mm
r_a	max.	1.5	mm
r_b	max.	1	mm

Calculation data

Basic dynamic load rating	C	49	kN
Basic static load rating	C	40	kN
Fatigue load limit	P_u	1.66	kN
Reference speed		5600	r/min
Limiting speed		10000	r/min
Calculation factor	A	0.022	
Calculation factor	k_r	0.095	
Calculation factor	e	1.14	

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35
Calculation factor	Y	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	0.52

Calculation factor	Y_1	0.55
Calculation factor	Y_2	0.93
Mass		
Mass bearing	0.62	kg