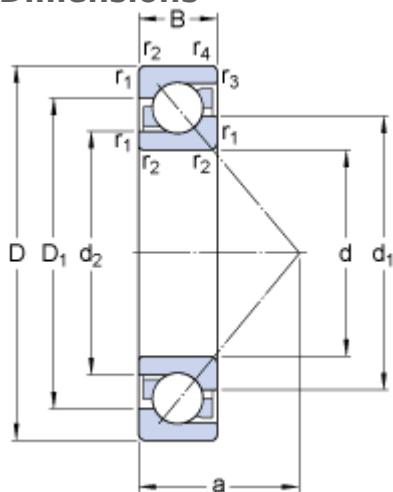


7213 BECBP

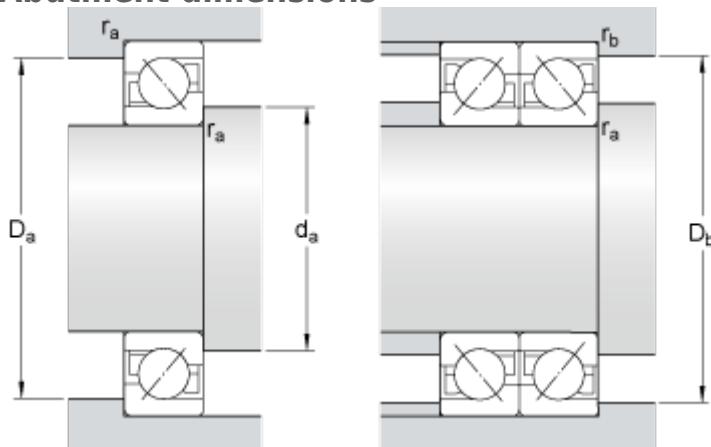
SKF Explorer

Dimensions



d	65	mm
D	120	mm
B	23	mm
d_1	\approx 86.35	mm
d_2	\approx 75.48	mm
D_1	\approx 99.45	mm
a	50	mm
$r_{1,2}$	min.	1.5 mm
$r_{3,4}$	min.	1 mm

Abutment dimensions



d_a	min.	74	mm
D_a	max.	111	mm
D_b	max.	114	mm
r_a	max.	1.5	mm
r_b	max.	1	mm

Calculation data

Basic dynamic load rating	C	69.5	kN
Basic static load rating	C	57	kN
Fatigue load limit	P_u	2.45	kN
Reference speed		4800	r/min
Limiting speed		6700	r/min
Calculation factor	A	0.0478	
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 1 kg