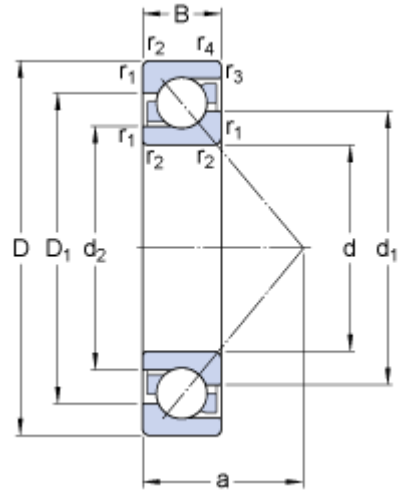


7221 BECBM

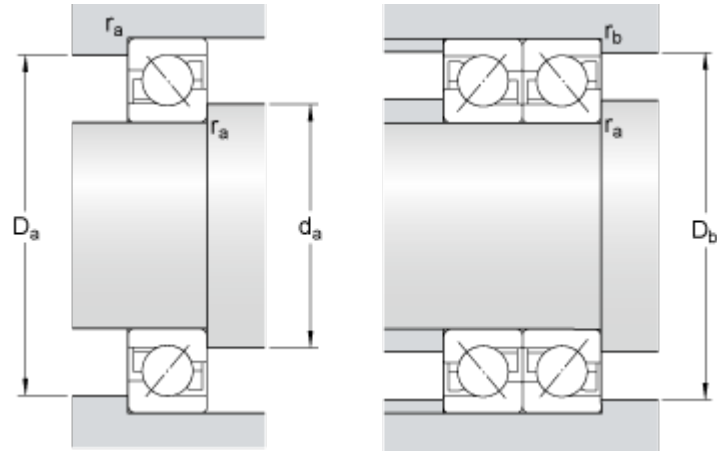
SKF Explorer

Dimensions



d	105	mm
D	190	mm
B	36	mm
d ₁	≈ 137.95	mm
d ₂	≈ 121.17	mm
D ₁	≈ 159.1	mm
a	80	mm
r _{1,2}	min. 2.1	mm
r _{3,4}	min. 1.1	mm

Abutment dimensions



d _a	min. 117	mm
D _a	max. 178	mm
D _b	max. 183	mm
r _a	max. 2	mm
r _b	max. 1	mm

Calculation data

Basic dynamic load rating	C	156	kN
Basic static load rating	C ₀	150	kN
Fatigue load limit	P _u	5.2	kN
Reference speed		4300	r/min
Limiting speed		4300	r/min
Calculation factor	k _r	0.095	
Calculation factor	k _a	1.4	
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	3.95	kg