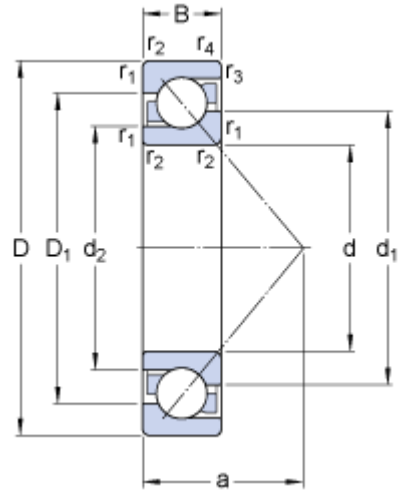


7211 BECBM

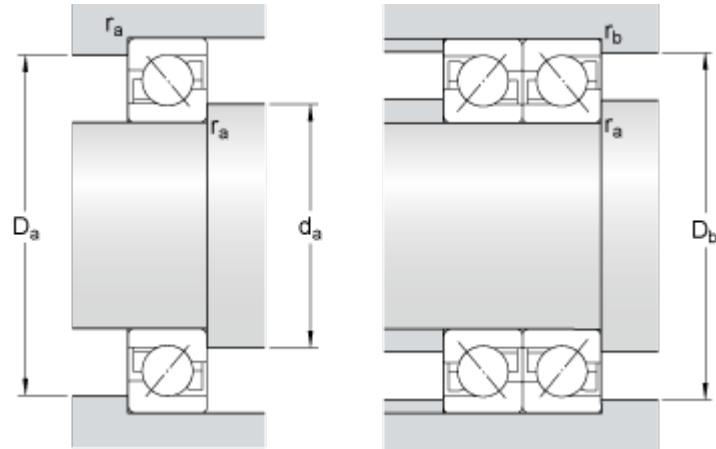
SKF Explorer

Dimensions



d	2.165	in
D	3.937	in
B	0.827	in
d ₁	≈ 2.852	in
d ₂	≈ 2.505	in
D ₁	≈ 3.295	in
a	1.693	in
r _{1,2}	min. 0.0591	in
r _{3,4}	min. 0.0394	in

Abutment dimensions



d _a	min. 2.52	in
D _a	max. 3.583	in
D _b	max. 3.701	in
r _a	max. 0.0591	in
r _b	max. 0.0394	in

Calculation data

Basic dynamic load rating	C	11015.638	lbf
Basic static load rating	C ₀	8992.358	lbf
Fatigue load limit	P _u	373.183	lbf
Reference speed		8000	r/min
Limiting speed		8000	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		1.367	lb