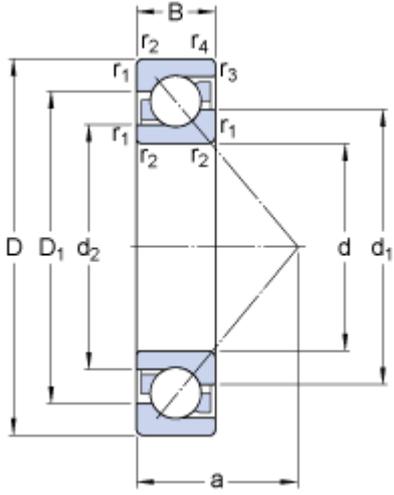


7309 BECBM

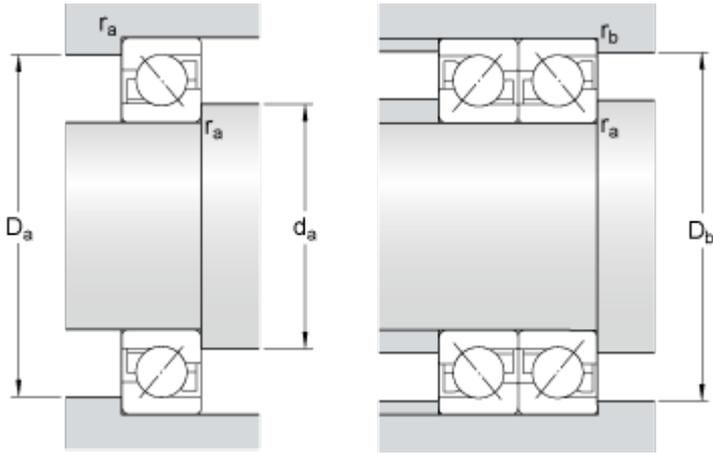
SKF Explorer

Dimensions



d	1.772	in
D	3.937	in
B	0.984	in
d ₁	≈ 2.618	in
d ₂	≈ 2.175	in
D ₁	≈ 3.146	in
a	1.693	in
r _{1,2}	min. 0.0591	in
r _{3,4}	min. 0.0394	in

Abutment dimensions



d _a	min. 2.126	in
D _a	max. 3.583	in
D _b	max. 3.717	in
r _a	max. 0.0591	in
r _b	max. 0.0394	in

Calculation data

Basic dynamic load rating	C	13713.346	lbf
Basic static load rating	C ₀	9104.762	lbf
Fatigue load limit	P _u	388.919	lbf
Reference speed		9000	r/min
Limiting speed		9000	r/min
Calculation factor	k _r	0.1	
Calculation factor	k _a	1.6	
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		2.006	lb
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