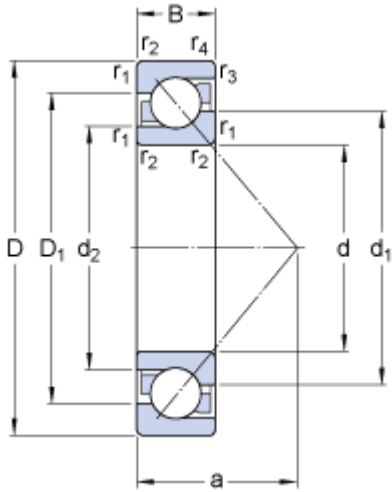


7307 BECBM

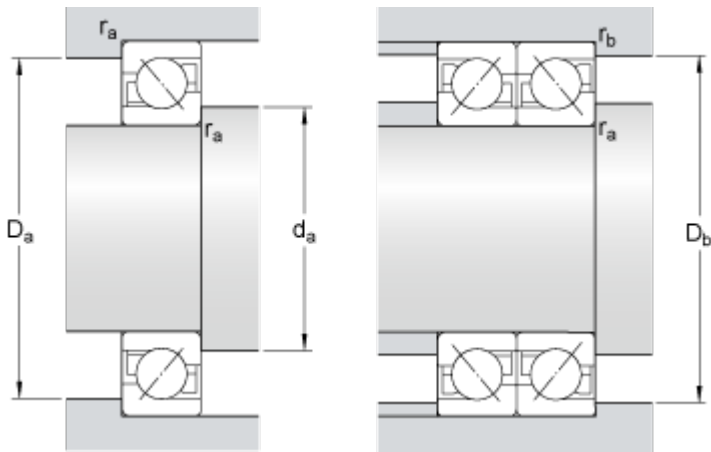
SKF Explorer

Dimensions



d	1.378	in
D	3.15	in
B	0.827	in
d ₁	≈ 2.073	in
d ₂	≈ 1.717	in
D ₁	≈ 2.498	in
a	1.378	in
r _{1,2}	min. 0.0591	in
r _{3,4}	min. 0.0394	in

Abutment dimensions



d _a	min. 1.732	in
D _a	max. 2.795	in
D _b	max. 2.929	in
r _a	max. 0.0591	in
r _b	max. 0.0394	in

Calculation data

Basic dynamic load rating	C	9329.571	lbf
Basic static load rating	C ₀	5957.437	lbf
Fatigue load limit	P _u	256.282	lbf
Reference speed		11000	r/min
Limiting speed		11000	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		0.992	lb
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