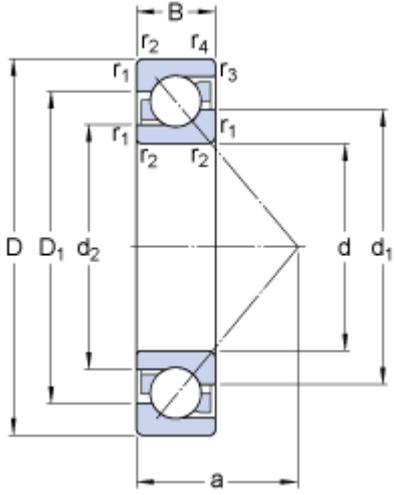


7214 BECBM

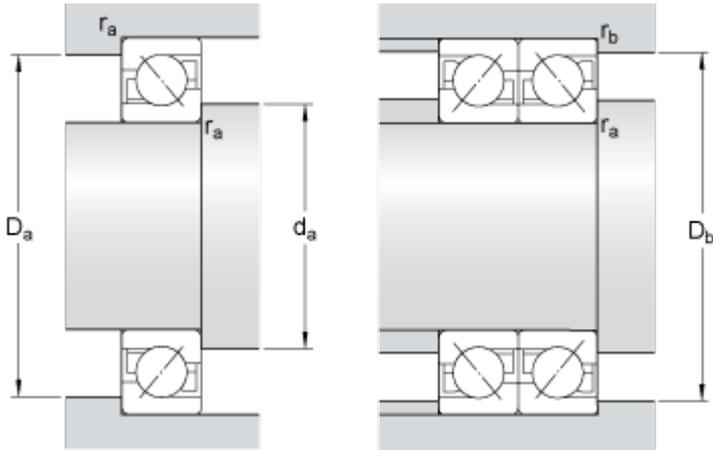
SKF Explorer

Dimensions



d	2.756	in
D	4.921	in
B	0.945	in
d ₁	≈ 3.602	in
d ₂	≈ 3.159	in
D ₁	≈ 4.124	in
a	2.087	in
r _{1,2}	min. 0.0591	in
r _{3,4}	min. 0.0394	in

Abutment dimensions



d _a	min. 3.11	in
D _a	max. 4.567	in
D _b	max. 4.685	in
r _a	max. 0.0591	in
r _b	max. 0.0394	in

Calculation data

Basic dynamic load rating	C	16186.244	lbf
Basic static load rating	C ₀	13488.537	lbf
Fatigue load limit	P _u	573.263	lbf
Reference speed		6300	r/min
Limiting speed		6300	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		2.425	lb
--------------	--	-------	----
