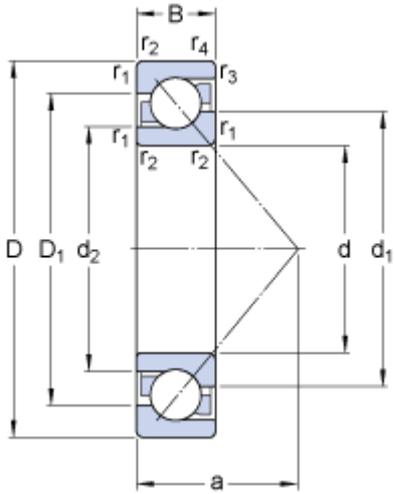


# 7308 BECBM

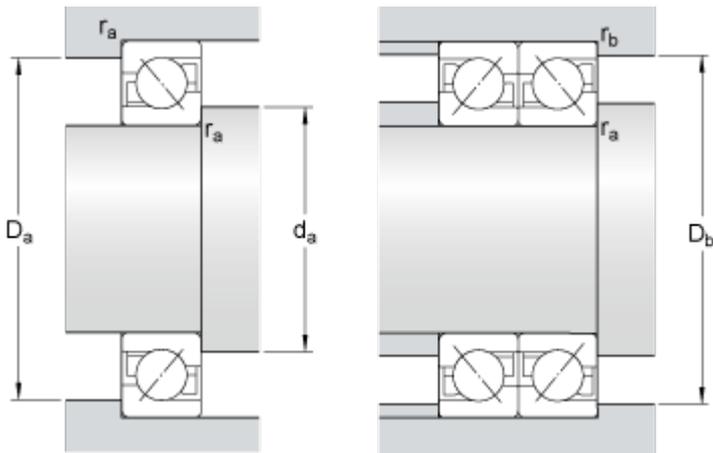
SKF Explorer

## Dimensions



d	1.575	in
D	3.543	in
B	0.906	in
d <sub>1</sub>	≈ 2.35	in
d <sub>2</sub>	≈ 1.951	in
D <sub>1</sub>	≈ 2.819	in
a	1.535	in
r <sub>1,2</sub>	min. 0.0591	in
r <sub>3,4</sub>	min. 0.0394	in

## Abutment dimensions



d <sub>a</sub>	min. 1.929	in
D <sub>a</sub>	max. 3.189	in
D <sub>b</sub>	max. 3.323	in
r <sub>a</sub>	max. 0.0591	in
r <sub>b</sub>	max. 0.0394	in

## Calculation data

Basic dynamic load rating	C	11240.447	lbf
Basic static load rating	C <sub>0</sub>	7306.291	lbf
Fatigue load limit	P <sub>u</sub>	307.988	lbf
Reference speed		10000	r/min
Limiting speed		10000	r/min
Calculation factor	k <sub>r</sub>	0.1	
Calculation factor	k <sub>a</sub>	1.6	
Calculation factor	e	1.14	

## Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35	
Calculation factor	Y <sub>0</sub>	0.26	

Calculation factor	$Y_2$	0.57
<b>Bearing pair arranged back-to-back or face-to-face</b>		
Calculation factor	X	0.57
Calculation factor	$Y_0$	0.52
Calculation factor	$Y_1$	0.55
Calculation factor	$Y_2$	0.93

## Mass

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Mass bearing		1.499	lb
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