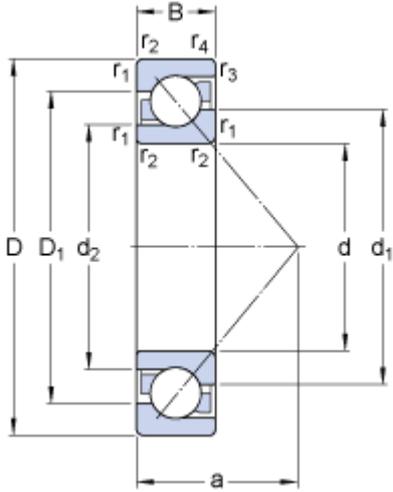


# 7319 BECBM

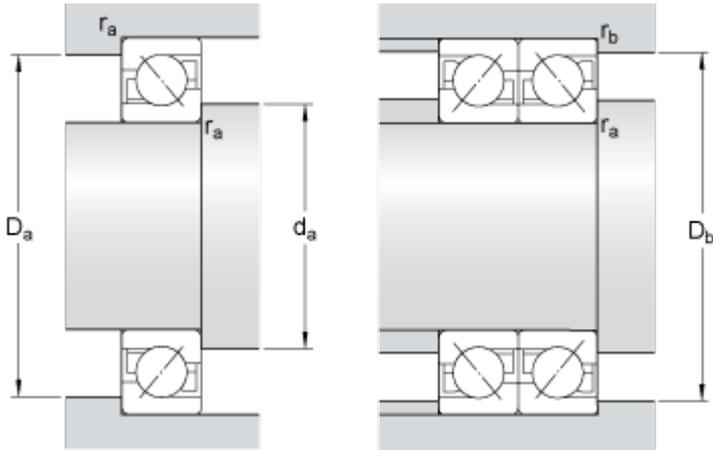
SKF Explorer

## Dimensions



$d$	95	mm
$D$	200	mm
$B$	45	mm
$d_1$	≈ 136.2	mm
$d_2$	≈ 114.9	mm
$D_1$	≈ 161.2	mm
$a$	84	mm
$r_{1,2}$	min. 3	mm
$r_{3,4}$	min. 1.1	mm

## Abutment dimensions



$d_a$	min. 109	mm
$D_a$	max. 186	mm
$D_b$	max. 193	mm
$r_a$	max. 2.5	mm
$r_b$	max. 1	mm

## Calculation data

Basic dynamic load rating	$C$	180	kN
Basic static load rating	$C_0$	163	kN
Fatigue load limit	$P_u$	5.7	kN
Reference speed		4300	r/min
Limiting speed		4300	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
<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	6.05	kg
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