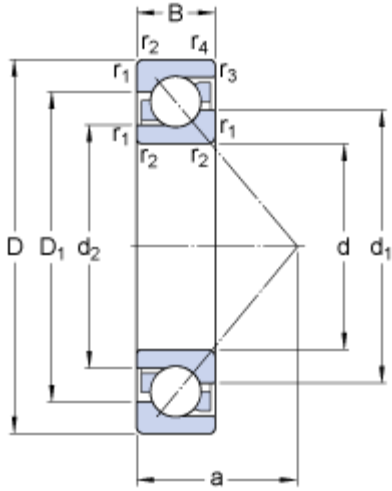


# 7306 BECBP

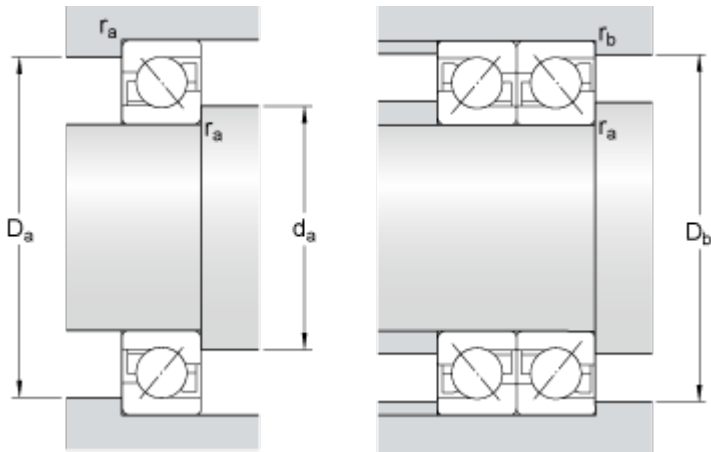
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## Dimensions



$d$	30	mm
$D$	72	mm
$B$	19	mm
$d_1$	≈ 46.5	mm
$d_2$	≈ 37.9	mm
$D_1$	≈ 56.6	mm
$a$	31	mm
$r_{1,2}$	min. 1.1	mm
$r_{3,4}$	min. 0.6	mm

## Abutment dimensions



$d_a$	min. 37	mm
$D_a$	max. 65	mm
$D_b$	max. 67.8	mm
$r_a$	max. 1	mm
$r_b$	max. 0.6	mm

## Calculation data

Basic dynamic load rating	$C$	35.5	kN
Basic static load rating	$C_0$	21.2	kN
Fatigue load limit	$P_u$	0.9	kN
Reference speed		12000	r/min
Limiting speed		13000	r/min
Calculation factor	$A$	0.0074	
Calculation factor	$k_r$	0.1	
Calculation factor	$e$	1.14	

## Single bearing or bearing pair arranged in tandem

Calculation factor	$X$	0.35	
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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	0.34	kg
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