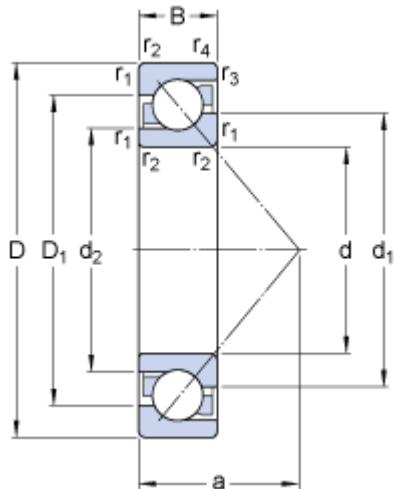


# 7312 BECBP

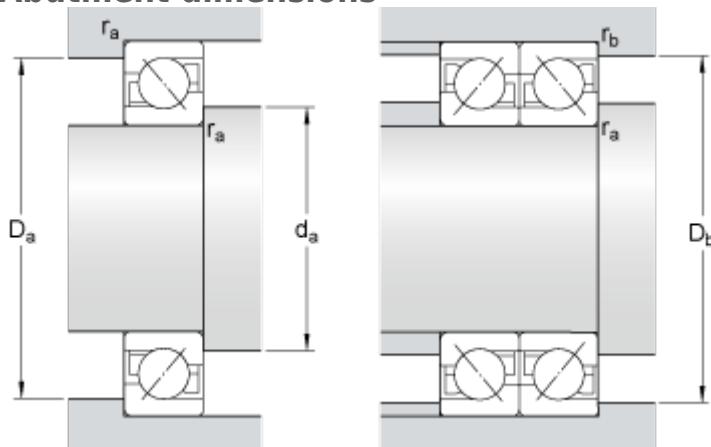
SKF Explorer

## Dimensions



d	60	mm
D	130	mm
B	31	mm
$d_1$	$\approx$ 87.25	mm
$d_2$	$\approx$ 72.6	mm
$D_1$	$\approx$ 104.8	mm
a	55	mm
$r_{1,2}$	min.	2.1 mm
$r_{3,4}$	min.	1.1 mm

## Abutment dimensions



$d_a$	min.	72	mm
$D_a$	max.	118	mm
$D_b$	max.	123	mm
$r_a$	max.	2	mm
$r_b$	max.	1	mm

## Calculation data

Basic dynamic load rating	C	104	kN
Basic static load rating	C	76.5	kN
Fatigue load limit	$P_u$	3.2	kN
Reference speed		4500	r/min
Limiting speed		6700	r/min
Calculation factor	A	0.0846	
Calculation factor	$k_r$	0.1	
Calculation factor	e	1.14	

## Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35
Calculation factor	Y	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	0.52

Calculation factor	$Y_1$	0.55
Calculation factor	$Y_2$	0.93
<b>Mass</b>		
Mass bearing	1.75	kg