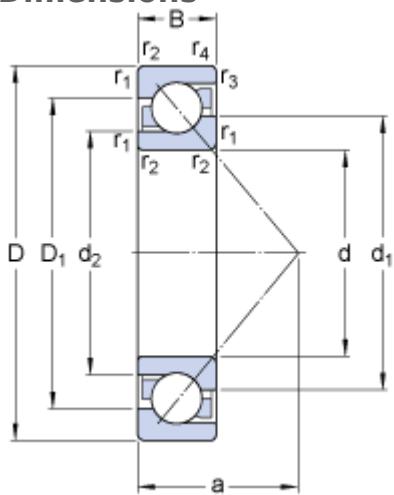


# 7216 BECBJ

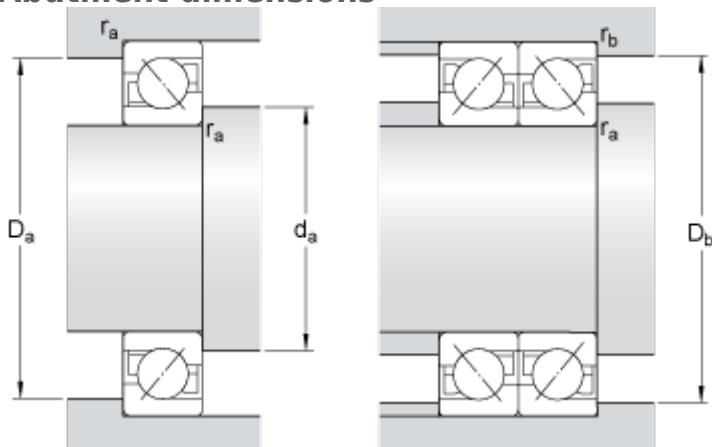
SKF Explorer

## Dimensions



d	80	mm
D	140	mm
B	26	mm
$d_1$	$\approx$ 103.55	mm
$d_2$	$\approx$ 91.44	mm
$D_1$	$\approx$ 117.85	mm
a	59	mm
$r_{1,2}$	min. 2	mm
$r_{3,4}$	min. 1	mm

## Abutment dimensions



$d_a$	min.	91	mm
$D_a$	max.	130	mm
$D_b$	max.	134	mm
$r_a$	max.	2	mm
$r_b$	max.	1	mm

## Calculation data

Basic dynamic load rating	C	85	kN
Basic static load rating	C	75	kN
Fatigue load limit	$P_u$	3.05	kN
Reference speed		4000	r/min
Limiting speed		5600	r/min
Calculation factor	A	0.0801	
Calculation factor	$k_r$	0.095	
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	1.45	kg