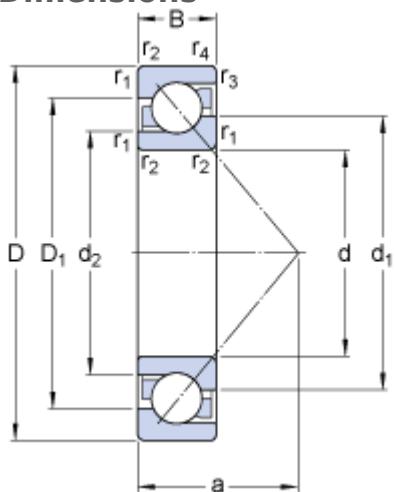


7204 BECBP

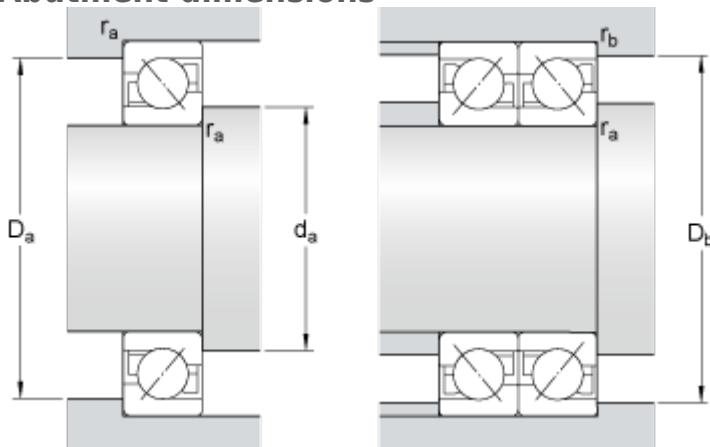
SKF Explorer

Dimensions



d	20	mm
D	47	mm
B	14	mm
d_1	\approx	30.8 mm
d_2	\approx	25.87 mm
D_1	\approx	37 mm
a	21	mm
$r_{1,2}$	min.	1 mm
$r_{3,4}$	min.	0.6 mm

Abutment dimensions



d_a	min.	25.6	mm
D_a	max.	41.4	mm
D_b	max.	42.8	mm
r_a	max.	1	mm
r_b	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	14.3	kN
Basic static load rating	C	8.15	kN
Fatigue load limit	P_u	0.345	kN
Reference speed		13000	r/min
Limiting speed		19000	r/min
Calculation factor	A	0.00113	
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
Mass		
Mass bearing	0.11	kg