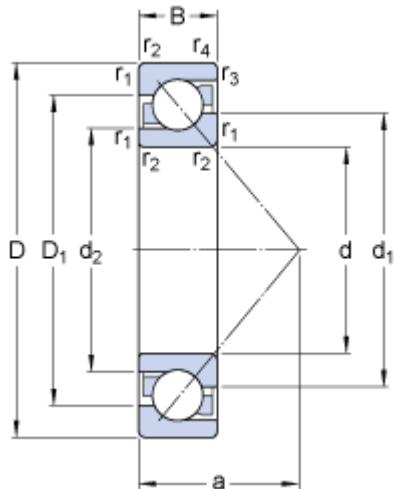


7208 BECBM

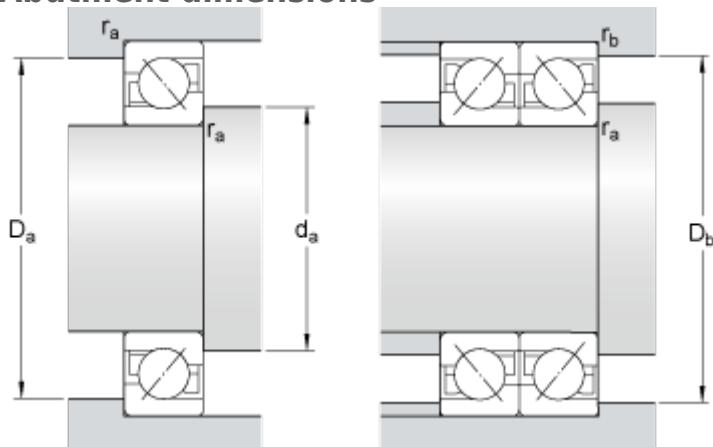
SKF Explorer

Dimensions



d	40	mm
D	80	mm
B	18	mm
d_1	\approx 56.25	mm
d_2	\approx 48.08	mm
D_1	\approx 65.55	mm
a	34	mm
$r_{1,2}$	min.	1.1 mm
$r_{3,4}$	min.	0.6 mm

Abutment dimensions



d_a	min.	47	mm
D_a	max.	73	mm
D_b	max.	75.8	mm
r_a	max.	1	mm
r_b	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	36.5	kN
Basic static load rating	C	26	kN
Fatigue load limit	P_u	1.1	kN
Reference speed		7000	r/min
Limiting speed		13000	r/min
Calculation factor	A	0.0102	
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	0.37	kg