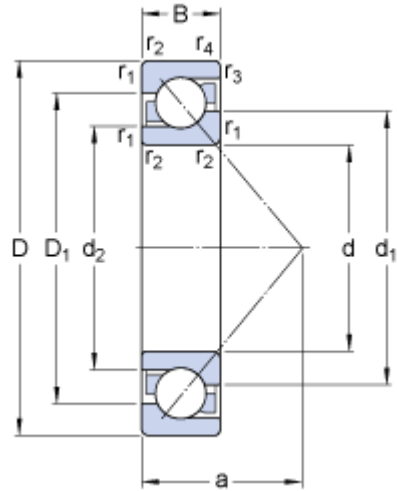


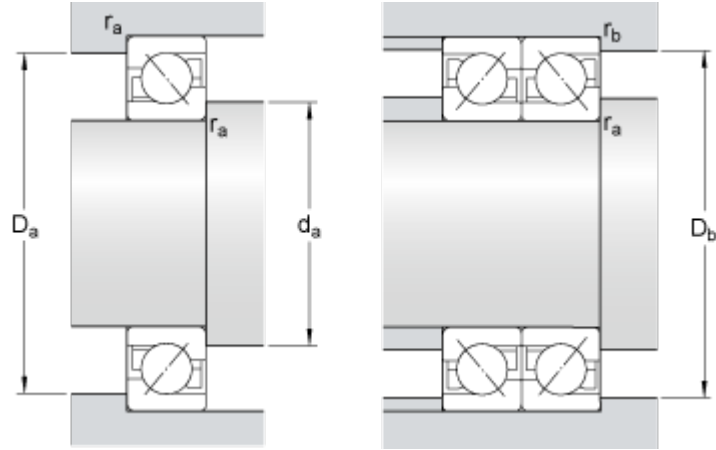
7307 BECBY

Dimensions



d	35	mm
D	80	mm
B	21	mm
d ₁	≈ 52.65	mm
d ₂	≈ 43.62	mm
D ₁	≈ 63.45	mm
a	35	mm
r _{1,2}	min. 1.5	mm
r _{3,4}	min. 1	mm

Abutment dimensions



d _a	min. 44	mm
D _a	max. 71	mm
D _b	max. 74.4	mm
r _a	max. 1.5	mm
r _b	max. 1	mm

Calculation data

Basic dynamic load rating	C	39	kN
Basic static load rating	C ₀	24.5	kN
Fatigue load limit	P _u	1	kN
Reference speed		10000	r/min
Limiting speed		10000	r/min
Calculation factor	k _r	0.1	
Calculation factor	k _a	1.6	
Calculation factor	e	1.14	

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35	
Calculation factor	Y ₀	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	0.52	
Calculation factor	Y_1	0.55	
Calculation factor	Y_2	0.93	
Mass			
Mass bearing		0.45	kg