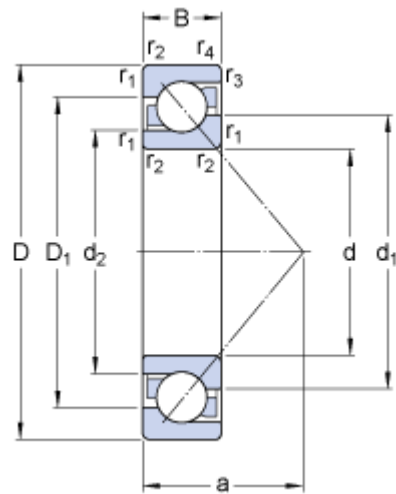


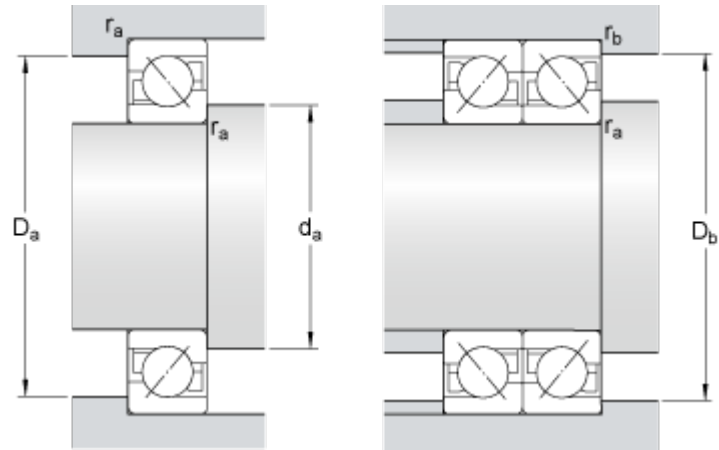
7310 BEP

Dimensions



d		50	mm
D		110	mm
B		27	mm
d ₁	≈	73.8	mm
d ₂	≈	61.13	mm
D ₁	≈	88.8	mm
a		47	mm
r _{1,2}	min.	2	mm
r _{3,4}	min.	1	mm

Abutment dimensions



d _a	min.	61	mm
D _a	max.	99	mm
D _b	max.	104	mm
r _a	max.	2	mm
r _b	max.	1	mm

Calculation data

Bearing pair arranged back-to-back or face-to-face

Basic dynamic load rating	C	68.9	kN
Basic static load rating	C ₀	47.5	kN
Fatigue load limit	P _u	2	kN
Reference speed		7500	r/min
Limiting speed		7500	r/min
Calculation factor	k _r	0.1	
Calculation factor	k _a	1.6	
Calculation factor	e	1.14	
Calculation factor	X	0.57	

Calculation factor	Y_0	0.52
Calculation factor	Y_1	0.55
Calculation factor	Y_2	0.93

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35
Calculation factor	Y_0	0.26
Calculation factor	Y_1	0
Calculation factor	Y_2	0.57

Mass

Mass bearing	1.1	kg
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