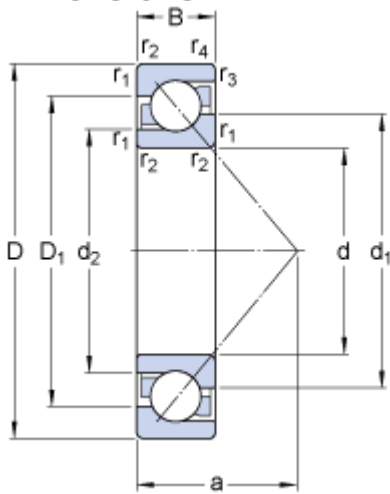


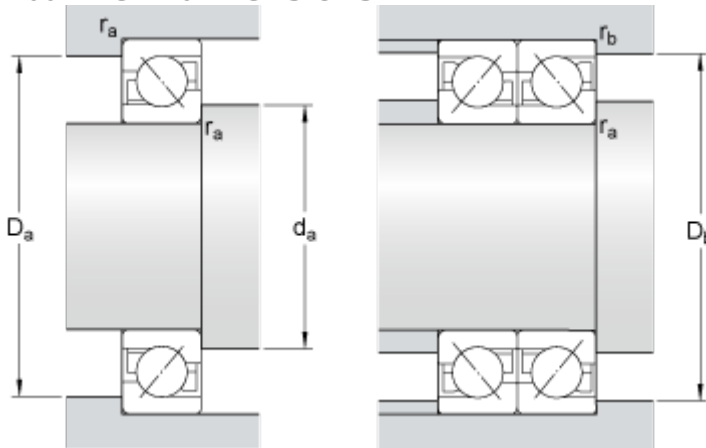
7311 BEP

Dimensions



d		55	mm
D		120	mm
B		29	mm
d ₁	≈	80.3	mm
d ₂	≈	66.66	mm
D ₁	≈	96.6	mm
a		51	mm
r _{1,2}	min.	2	mm
r _{3,4}	min.	1	mm

Abutment dimensions



d _a	min.	66	mm
D _a	max.	109	mm
D _b	max.	114	mm
r _a	max.	2	mm
r _b	max.	1	mm

Calculation data

Basic dynamic load rating	C	79.3	kN
Basic static load rating	C	55	kN
Fatigue load limit	P _u	2.32	kN
Reference speed		5000	r/min
Limiting speed		6700	r/min
Calculation factor	A	0.0574	
Calculation factor	k _r	0.1	
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

1.4

kg