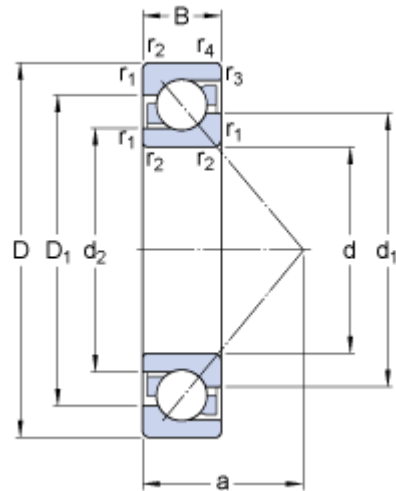


7314 BECBM

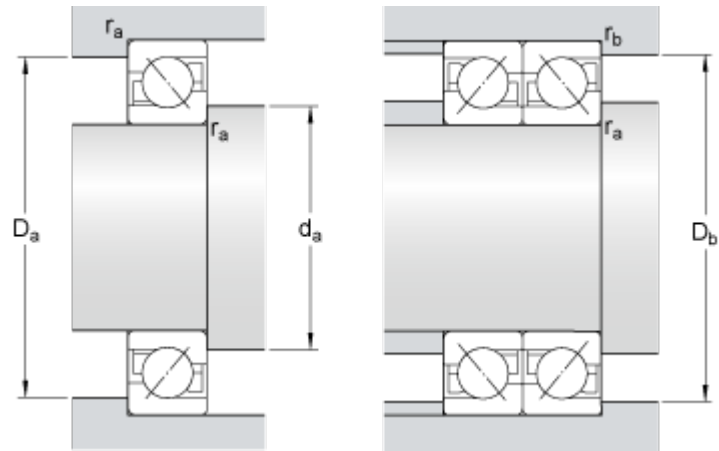
SKF Explorer

Dimensions



d		70	mm
D		150	mm
B		35	mm
d ₁	≈	101.1	mm
d ₂	≈	84.4	mm
D ₁	≈	121.5	mm
a		64	mm
r _{1,2}	min.	2.1	mm
r _{3,4}	min.	1.1	mm

Abutment dimensions



d _a	min.	82	mm
D _a	max.	138	mm
D _b	max.	143	mm
r _a	max.	2	mm
r _b	max.	1	mm

Calculation data

Basic dynamic load rating	C	127	kN
Basic static load rating	C ₀	98	kN
Fatigue load limit	P _u	3.9	kN
Reference speed		5600	r/min
Limiting speed		5600	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	2.65	kg
--------------	------	----