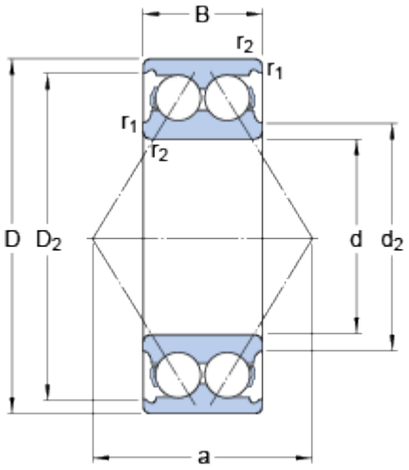
3311 A

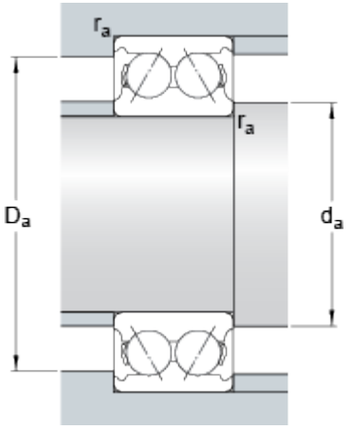
SKF Explorer

Dimensions



d		55	mm
D		120	mm
B		49.2	mm
d_2	≈	68.4	mm
D_2	≈	109.4	mm
$r_{1,2}$	min.	2	mm
a		72	mm

Abutment dimensions



d_a	min.	66	mm
D_a	max.	109	mm
r_a	max.	2	mm

Calculation data

Basic dynamic load rating	C	112	kN
Basic static load rating	C_0	81.5	kN
Fatigue load limit	P_u	3.45	kN
Reference speed		6000	r/min
Limiting speed		5300	r/min
Calculation factor	k_r	0.07	
Calculation factor	e	0.8	
Calculation factor	X	0.63	
Calculation factor	Y_0	0.66	
Calculation factor	Y_1	0.78	
Calculation factor	Y_2	1.24	

Mass

Mass bearing	2.65	kg