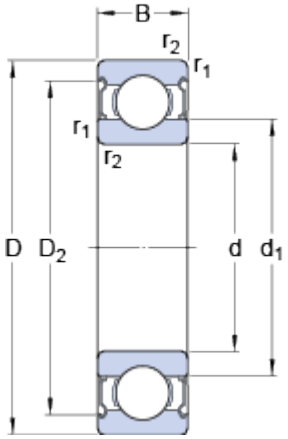
6311-2Z

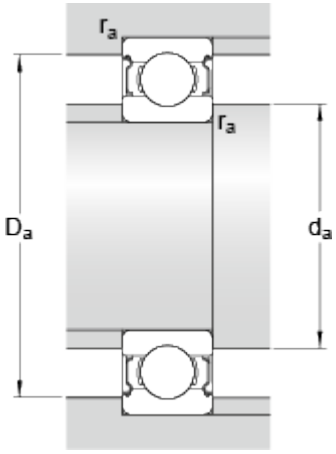
SKF Explorer

Dimensions



d		55	mm
D		120	mm
B		29	mm
d_1	≈	75.34	mm
D_2	≈	103.7	mm
$r_{1,2}$	min.	2	mm

Abutment dimensions



d_a	min.	66	mm
d_a	max.	75.2	mm
D_a	max.	109	mm
r_a	max.	2	mm

Calculation data

Basic dynamic load rating	C	74.1	kN
Basic static load rating	C_0	45	kN
Fatigue load limit	P_u	1.9	kN
Reference speed		12000	r/min
Limiting speed		6300	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.1	

Mass

Mass bearing	1.422	kg