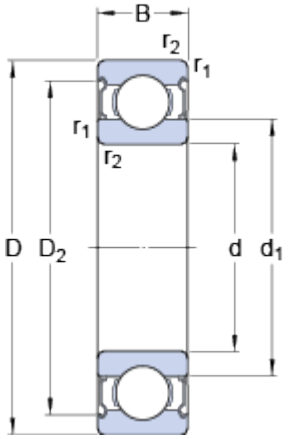
6301-2Z

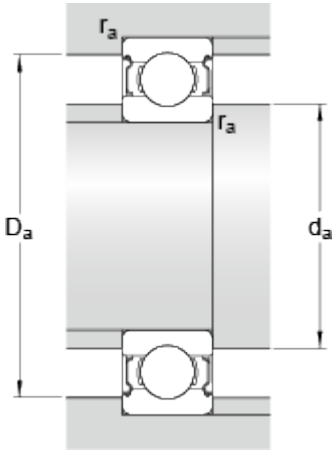
SKF Explorer

Dimensions



d		12	mm
D		37	mm
B		12	mm
d_1	≈	19.51	mm
D_2	≈	31.48	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	17.6	mm
d_a	max.	19.4	mm
D_a	max.	31.4	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	10.1	kN
Basic static load rating	C_0	4.2	kN
Fatigue load limit	P_u	0.176	kN
Reference speed		45000	r/min
Limiting speed		22000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	11	

Mass

Mass bearing	0.0628	kg