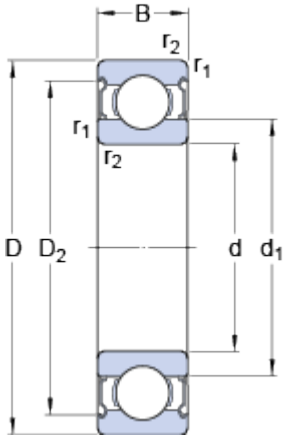
6312-2Z

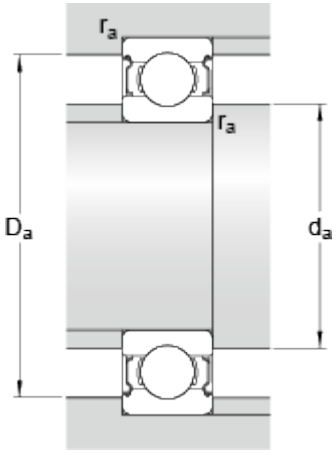
SKF Explorer

Dimensions



d		60	mm
D		130	mm
B		31	mm
d_1	≈	81.86	mm
D_2	≈	112.2	mm
$r_{1,2}$	min.	2.1	mm

Abutment dimensions



d_a	min.	72	mm
d_a	max.	81.8	mm
D_a	max.	118	mm
r_a	max.	2	mm

Calculation data

Basic dynamic load rating	C	85.2	kN
Basic static load rating	C_0	52	kN
Fatigue load limit	P_u	2.2	kN
Reference speed		11000	r/min
Limiting speed		5600	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	13.1	

Mass

Mass bearing	1.781	kg