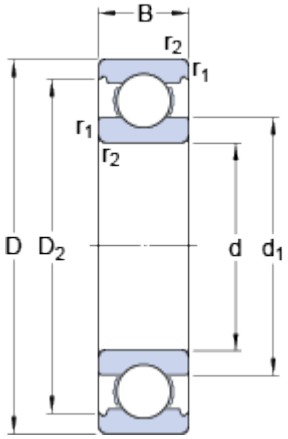
6010

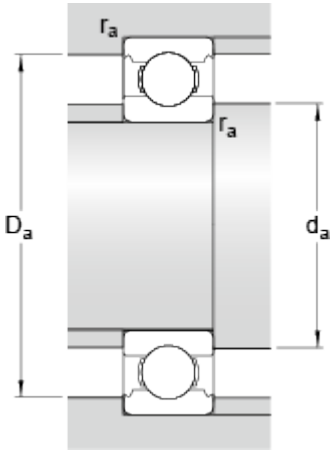
SKF Explorer

Dimensions



d		50	mm
D		80	mm
B		16	mm
d_1	≈	59.75	mm
D_2	≈	72.8	mm
$r_{1,2}$	min.	1	mm

Abutment dimensions



d_a	min.	54.6	mm
D_a	max.	75.4	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	22.9	kN
Basic static load rating	C_0	16	kN
Fatigue load limit	P_u	0.71	kN
Reference speed		18000	r/min
Limiting speed		11000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	14.7	

Mass

Mass bearing	0.263	kg