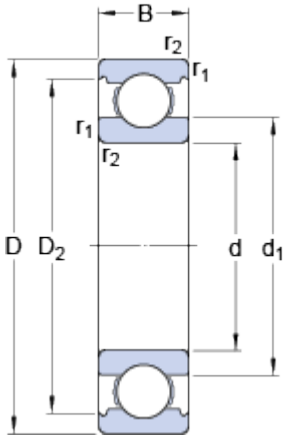
6203

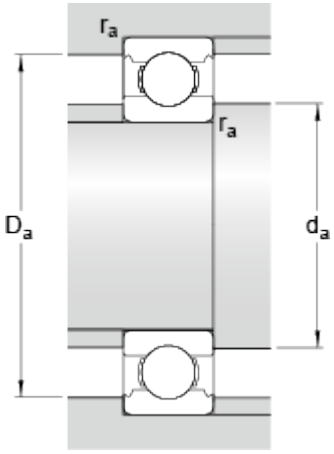
SKF Explorer

Dimensions



d		17	mm
D		40	mm
B		12	mm
d_1	≈	24.5	mm
D_2	≈	34.98	mm
$r_{1,2}$	min.	0.6	mm

Abutment dimensions



d_a	min.	21.2	mm
D_a	max.	35.8	mm
r_a	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	10	kN
Basic static load rating	C_0	4.8	kN
Fatigue load limit	P_u	0.2	kN
Reference speed		38000	r/min
Limiting speed		24000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	13	

Mass

Mass bearing	0.0646	kg