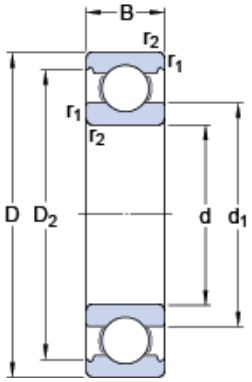
6003

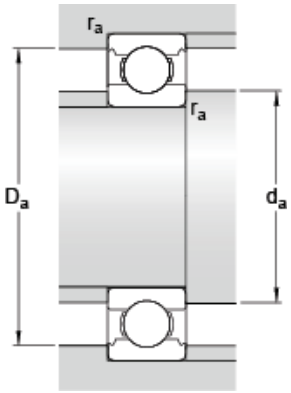
SKF Explorer

Dimensions



d		17	mm
D		35	mm
B		10	mm
d_1	≈	23	mm
D_2	≈	31.2	mm
$r_{1,2}$	min.	0.3	mm

Abutment dimensions



d_a	min.	19	mm
D_a	max.	33	mm
r_a	max.	0.3	mm

Calculation data

Basic dynamic load rating	C	6.37	kN
Basic static load rating	C_0	3.25	kN
Fatigue load limit	P_u	0.137	kN
Reference speed		45000	r/min
Limiting speed		28000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	14	

Mass

Mass bearing	0.038	kg