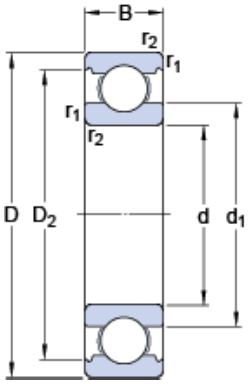
6300

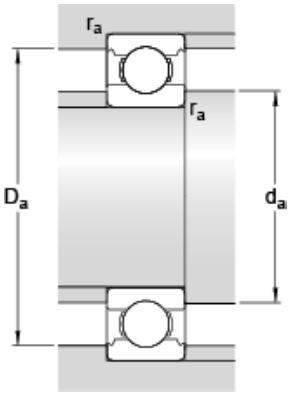
SKF Explorer

Dimensions



d		10	mm
D		35	mm
B		11	mm
d_1	≈	17.5	mm
D_2	≈	28.68	mm
$r_{1,2}$	min.	0.6	mm

Abutment dimensions



d_a	min.	14.2	mm
D_a	max.	30.8	mm
r_a	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	8.52	kN
Basic static load rating	C_0	3.4	kN
Fatigue load limit	P_u	0.143	kN
Reference speed		50000	r/min
Limiting speed		32000	r/min
Calculation factor	k_r	0.03	
Calculation factor	f_0	11	

Mass

Mass bearing	0.053	kg