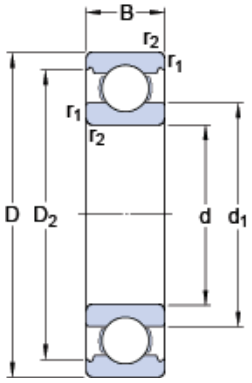
6004

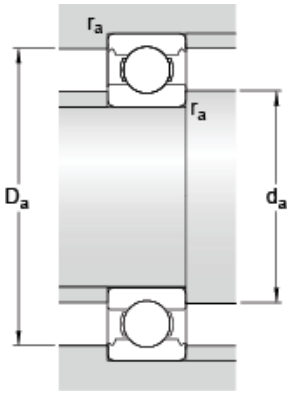
SKF Explorer

Dimensions



d		20	mm
D		42	mm
B		12	mm
d_1	≈	27.2	mm
D_2	≈	37.19	mm
$r_{1,2}$	min.	0.6	mm

Abutment dimensions



d_a	min.	23.2	mm
D_a	max.	38.8	mm
r_a	max.	0.6	mm

Calculation data

Basic dynamic load rating	C	9.95	kN
Basic static load rating	C_0	5	kN
Fatigue load limit	P_u	0.212	kN
Reference speed		38000	r/min
Limiting speed		24000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	14	

Mass

Mass bearing	0.067	kg