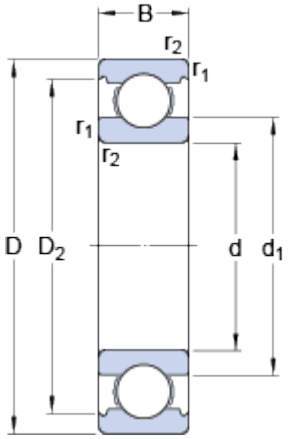
6214

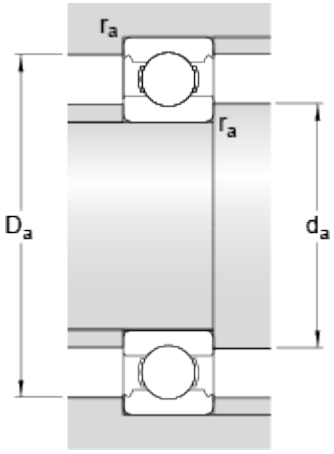
SKF Explorer

Dimensions



d		70	mm
D		125	mm
B		24	mm
d_1	≈	87.05	mm
D_2	≈	111	mm
$r_{1,2}$	min.	1.5	mm

Abutment dimensions



d_a	min.	79	mm
D_a	max.	116	mm
r_a	max.	1.5	mm

Calculation data

Basic dynamic load rating	C	63.7	kN
Basic static load rating	C_0	45	kN
Fatigue load limit	P_u	1.9	kN
Reference speed		11000	r/min
Limiting speed		7000	r/min
Calculation factor	k_r	0.025	
Calculation factor	f_0	14.7	

Mass

Mass bearing	1.09	kg