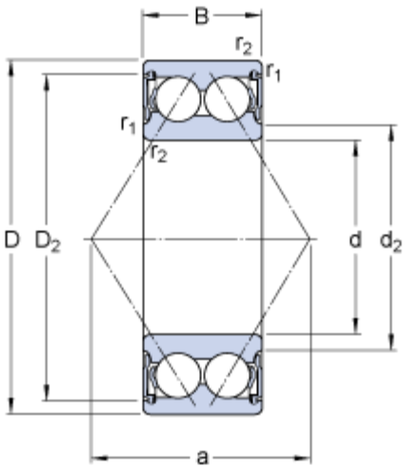
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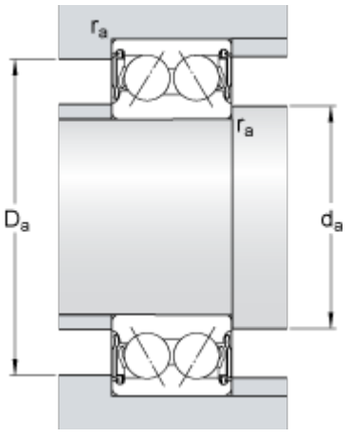
Popular item
SKF Explorer

Dimensions



d		25	mm
D		52	mm
B		20.6	mm
d_2	≈	32.7	mm
D_2	≈	45.9	mm
$r_{1,2}$	min.	1	mm
a		30	mm

Abutment dimensions



d_a	min.	30.6	mm
d_a	max.	32.5	mm
D_a	max.	46.4	mm
r_a	max.	1	mm

Calculation data

Basic dynamic load rating	C	22	kN
Basic static load rating	C_0	15.3	kN
Fatigue load limit	P_u	0.64	kN
Reference speed		12000	r/min
Limiting speed		8500	r/min
Calculation factor	k_r	0.06	
Calculation factor	e	0.8	
Calculation factor	X	0.63	
Calculation factor	Y_0	0.66	
Calculation factor	Y_1	0.78	
Calculation factor	Y_2	1.24	

Mass

Mass bearing	0.18	kg