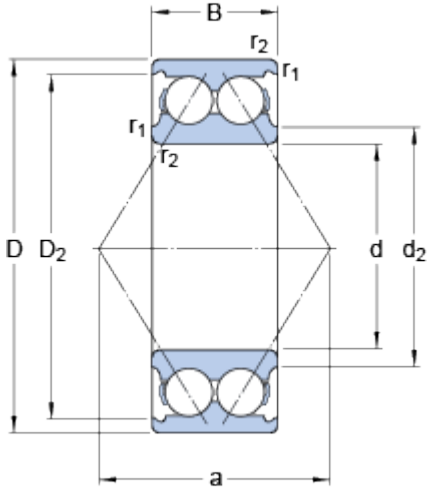


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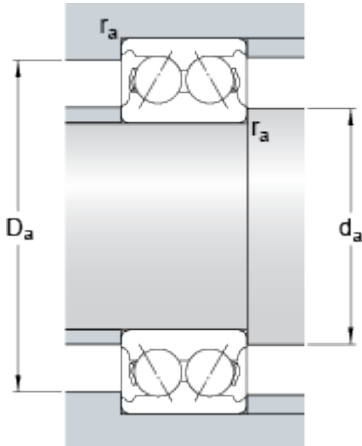
SKF Explorer

Dimensions



d	45	mm
D	100	mm
B	39.7	mm
d ₂	≈ 55.6	mm
D ₂	≈ 89.95	mm
r _{1,2}	min. 1.5	mm
a	58	mm

Abutment dimensions



d _a	min.	54	mm
D _a	max.	91	mm
r _a	max.	1.5	mm

Calculation data

Basic dynamic load rating	C	75	kN
Basic static load rating	C	53	kN
Fatigue load limit	P _u	2.24	kN
Reference speed		6700	r/min
Limiting speed		6700	r/min
Calculation factor	k _r	0.07	
Calculation factor	e	0.8	
Calculation factor	X	0.63	
Calculation factor	Y	0.66	
Calculation factor	Y ₁	0.78	
Calculation factor	Y ₂	1.24	

Mass

Mass bearing	1.25	kg
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