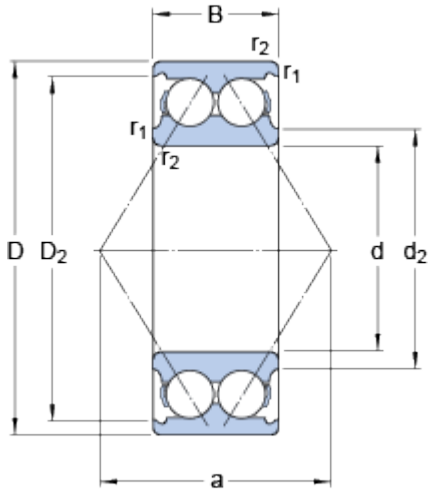


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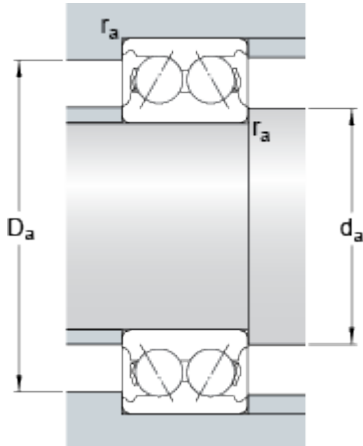
SKF Explorer

Dimensions



d	35	mm
D	80	mm
B	34.9	mm
d ₂	≈ 44.6	mm
D ₂	≈ 70.5	mm
r _{1,2}	min. 1.5	mm
a	47	mm

Abutment dimensions



d _a	min.	44	mm
D _a	max.	71	mm
r _a	max.	1.5	mm

Calculation data

Basic dynamic load rating	C	52	kN
Basic static load rating	C	35.5	kN
Fatigue load limit	P _u	1.5	kN
Reference speed		8500	r/min
Limiting speed		8500	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	0.73	kg
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