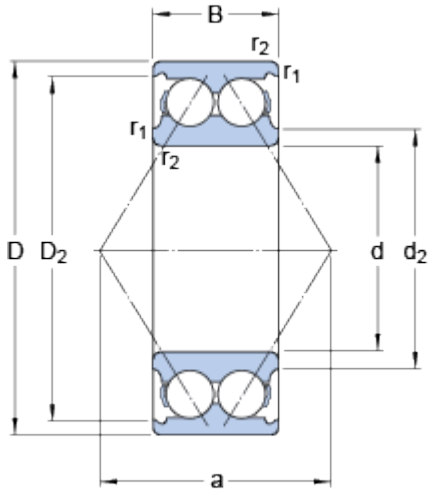


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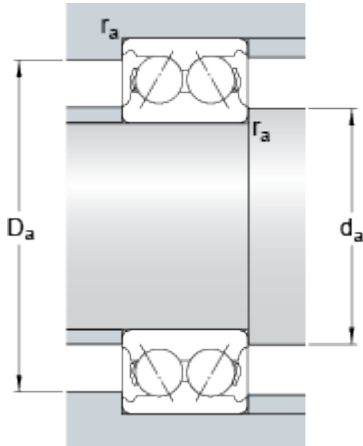
SKF Explorer

Dimensions



d		50	mm
D		90	mm
B		30.2	mm
d ₂	≈	57.8	mm
D ₂	≈	82.1	mm
r _{1,2}	min.	1.1	mm
a		52	mm

Abutment dimensions



d _a	min.	57	mm
D _a	max.	83	mm
r _a	max.	1	mm

Calculation data

Basic dynamic load rating	C	51	kN
Basic static load rating	C	42.5	kN
Fatigue load limit	P _u	1.8	kN
Reference speed		7000	r/min
Limiting speed		7000	r/min
Calculation factor	k _r	0.06	
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		0.65	kg
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