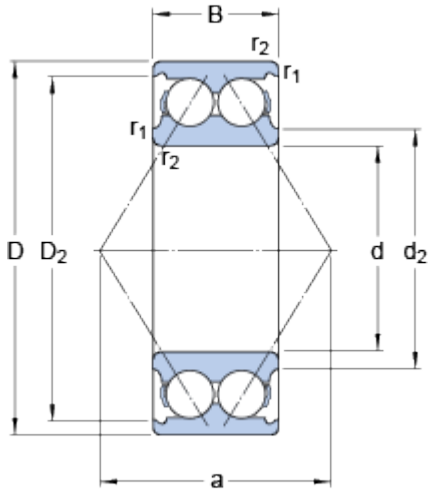


# 3309 A

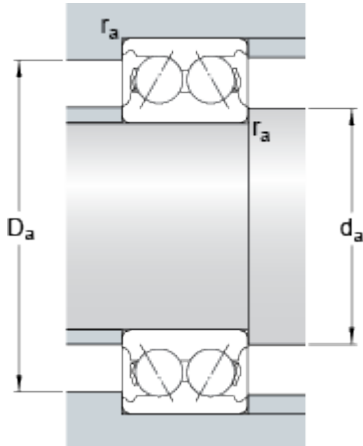
SKF Explorer

## Dimensions



d	45	mm
D	100	mm
B	39.7	mm
d <sub>2</sub>	≈ 55.6	mm
D <sub>2</sub>	≈ 89.95	mm
r <sub>1,2</sub>	min. 1.5	mm
a	58	mm

## Abutment dimensions



d <sub>a</sub>	min.	54	mm
D <sub>a</sub>	max.	91	mm
r <sub>a</sub>	max.	1.5	mm

## Calculation data

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

## Mass

Mass bearing	1.25	kg
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