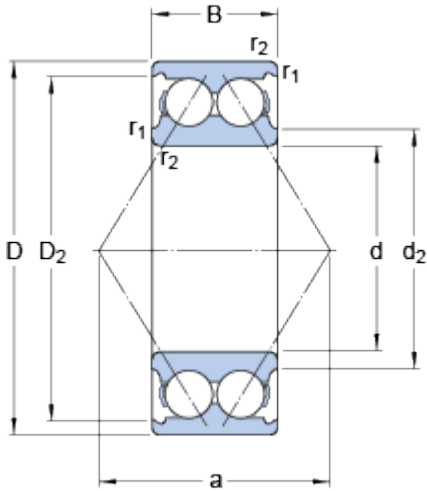


# 3209 A

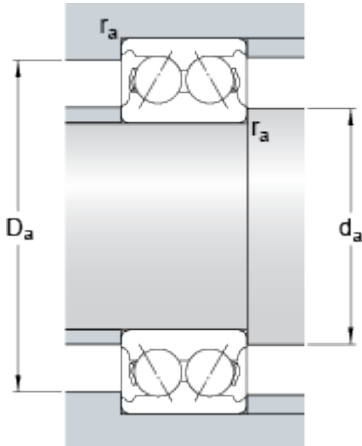
SKF Explorer

## Dimensions



d		45	mm
D		85	mm
B		30.2	mm
d <sub>2</sub>	≈	52.8	mm
D <sub>2</sub>	≈	77.1	mm
r <sub>1,2</sub>	min.	1.1	mm
a		46	mm

## Abutment dimensions



d <sub>a</sub>	min.	52	mm
D <sub>a</sub>	max.	78	mm
r <sub>a</sub>	max.	1	mm

## Calculation data

Basic dynamic load rating	C	51	kN
Basic static load rating	C	39	kN
Fatigue load limit	P <sub>u</sub>	1.63	kN
Reference speed		7500	r/min
Limiting speed		7500	r/min
Calculation factor	k <sub>r</sub>	0.06	
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		0.63	kg
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