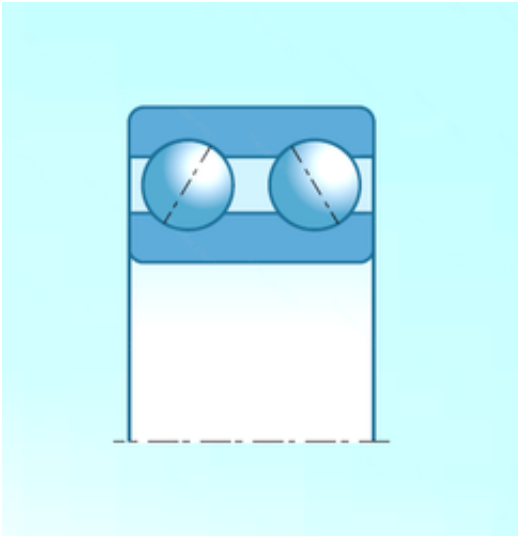




## NTN Bearing Driveshaft do Brasil



3209A Bearing 2D drawings and 3D CAD models

45,000 mm x 85,000 mm x 30,200 mm 45,000  
mm x 85,000 mm x 30,200 mm SNR 3209A  
angular contact ball bearings

Bearing No. 3209A

Size	45x85x30.200 mm
Bore Diameter	45,000 mm
Outer Diameter	85,000 mm
Width	30,200 mm
d	45,000 mm
D	85,000 mm
B	30,200 mm
C	30,200 mm
d1	57.2 mm
D1	72.6 mm
a	43.2 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.58 kg
Dynamic load, C	45.7 kN
Static load, C0	37.2 kN
Fatigue limit load, Cu	2.27 kN
f0	14.6
Nref	6,500 rpm
Nlim	7,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C



## NTN Bearing Driveshaft do Brasil

Tmax	
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.04 Hz
Characteristic outer ring frequency, BPF0	3.72 Hz
Characteristic inner ring frequency, BRFI	5.28 Hz
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm