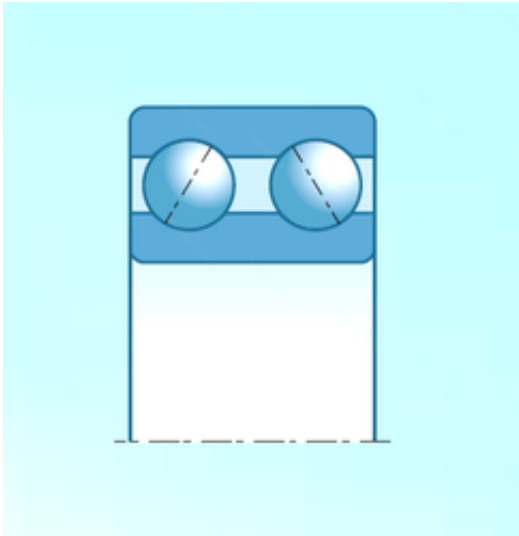




# BEARING CORP.OF AMERICA



3207B Bearing 2D drawings and 3D CAD models

35,000 mm x 72,000 mm x 27,000 mm SNR  
3207B Double row angular contact ball bearings

Bearing No. 3207B

Size	35x72x27 mm
Bore Diameter	35,000 mm
Outer Diameter	72,000 mm
Width	27,000 mm
d	35,000 mm
D	72,000 mm
B	27,000 mm
C	27,000 mm
d1	48.5 mm
D1	63.3 mm
a	47.2 mm
Contact angle	32 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.48 kg
Dynamic load, C	36.4 kN
Static load, C0	37.5 kN
Fatigue limit load, Cu	2.43 kN
f0	14.8
Nref	7,400 rpm
Nlim	9,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



## BEARING CORP.OF AMERICA

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.05 Hz
Characteristic outer ring frequency, BPF0	5.86 Hz
Characteristic inner ring frequency, BRFI	8.14 Hz
da min	41.5 mm
Da max	65.5 mm
ra max	1 mm