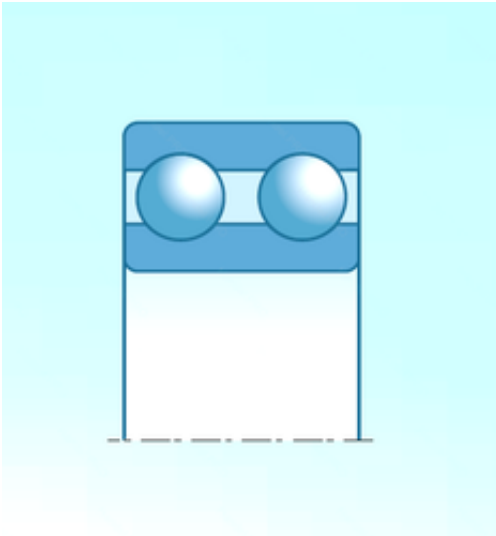




## NTN Bearing Manufacturing



4205A Bearing 2D drawings and 3D CAD models

25,000 mm x 52,000 mm x 18,000 mm SNR  
4205A deep groove ball bearings

Bearing No. 4205A

Size	25x52x18 mm
Bore Diameter	25,000 mm
Outer Diameter	52,000 mm
Width	18,000 mm
d	25,000 mm
D	52,000 mm
B	18,000 mm
C	18,000 mm
d1	34.7 mm
D1	43.3 mm
rs min	1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.16 kg
Dynamic load, C	19.1 kN
Static load, C0	14.7 kN
Fatigue limit load, Cu	0.82 kN
f0	14.4
Nref	11,000 rpm
Nlim	12,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz



## NTN Bearing Manufacturing

Characteristic rolling element frequency, BSF	5.28 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BRFI	5.92 Hz
da min	31 mm
Da max	46 mm
ra max	1 mm