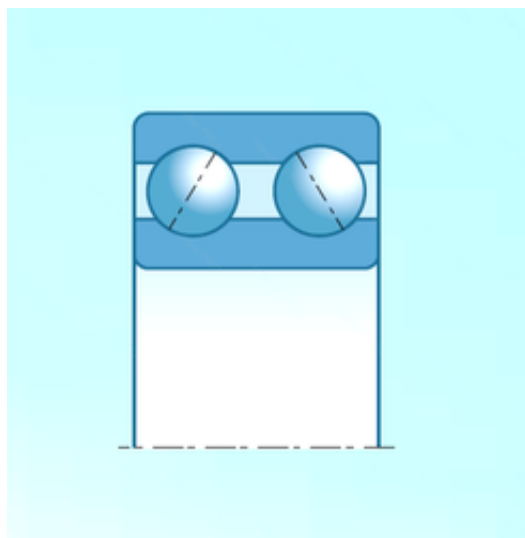




BEARING CORP.OF AMERICA



15,000 mm x 35,000 mm x 15,900 mm SNR
3202A Double row angular contact ball bearings

Bearing No. 3202A

Size	15x35x15.900 mm
Bore Diameter	15,000 mm
Outer Diameter	35,000 mm
Width	15,900 mm
d	15,000 mm
D	35,000 mm
B	15,900 mm
C	15,900 mm
d1	21.1 mm
D1	29.3 mm
a	18 mm
Contact angle	25 °
rs min	0.6 mm
Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Dynamic load, C	11.4 kN
Static load, C0	7.1 kN
Fatigue limit load, Cu	0.48 kN
f0	13.5
Nref	14,000 rpm
Nlim	20,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

3202A Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.97 Hz
Characteristic outer ring frequency, BPF0	3.13 Hz
Characteristic inner ring frequency, BPFI	4.87 Hz
da min	19 mm
Da max	31 mm
ra max	0.6 mm