



BEARING CORP.OF AMERICA



3314B Bearing 2D drawings and 3D CAD models

70,000 mm x 150,000 mm x 63,500 mm SNR
3314B Double row angular contact ball bearings

Bearing No. 3314B

Size	70x150x63.500 mm
Bore Diameter	70,000 mm
Outer Diameter	150,000 mm
Width	63,500 mm
d	70,000 mm
D	150,000 mm
B	63,500 mm
C	63,500 mm
d1	98.5 mm
D1	131 mm
a	100.8 mm
Contact angle	32 °
rs min	2.1 mm
Radial clearance class	CN
Precision class	P0
Mass	5.05 kg
Dynamic load, C	141 kN
Static load, C0	172 kN
Fatigue limit load, Cu	10.5 kN
f0	14.7
Nref	4,200 rpm
Nlim	4,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.8 Hz
Characteristic outer ring frequency, BPF0	5.8 Hz
Characteristic inner ring frequency, BPFI	8.2 Hz
da min	81 mm
Da max	139 mm
ra max	2 mm