



## BEARING USA CORP.



3307B Bearing 2D drawings and 3D CAD models

35,000 mm x 80,000 mm x 34,900 mm SNR  
3307B Angular contact ball bearings

Bearing No. 3307B

Size	35x80x34.900 mm
Bore Diameter	35,000 mm
Outer Diameter	80,000 mm
Width	34,900 mm
d	35,000 mm
D	80,000 mm
B	34,900 mm
C	34,900 mm
d1	51.7 mm
D1	70.3 mm
a	54.1 mm
Contact angle	32 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.78 kg
Dynamic load, C	48.1 kN
Static load, C0	47 kN
Fatigue limit load, Cu	3.05 kN
f0	14.3
Nref	6,600 rpm
Nlim	8,200 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	4.41 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BPFI	7.11 Hz
da min	43 mm
Da max	72 mm
ra max	1.5 mm