



BEARING CORP.OF AMERICA



3318 Bearing 2D drawings and 3D CAD models

90,000 mm x 190,000 mm x 73,000 mm SNR
3318 Double row angular contact ball bearings

Bearing No. 3318

Size	90x190x73 mm
Bore Diameter	90,000 mm
Outer Diameter	190,000 mm
Width	73,000 mm
d	90,000 mm
D	190,000 mm
B	73,000 mm
C	73,000 mm
d1	113.5 mm
D1	173.8 mm
a	136 mm
Contact angle	35 °
rs min	3 mm
Radial clearance class	CN
Precision class	P0
Mass	9.75 kg
Dynamic load, C	250 kN
Static load, C0	276 kN
Fatigue limit load, Cu	15.3 kN
f0	14.8
Nref	3,200 rpm
Nlim	3,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF0	5.83 Hz
Characteristic inner ring frequency, BPFI	8.17 Hz
da min	103 mm
Da max	177 mm
ra max	2.5 mm