



## BEARING CORP.OF AMERICA



3304B Bearing 2D drawings and 3D CAD models

20,000 mm x 52,000 mm x 22,200 mm SNR  
3304B Double row angular contact ball bearings

Bearing No. 3304B

|                                 |                 |
|---------------------------------|-----------------|
| Size                            | 20x52x22.200 mm |
| Bore Diameter                   | 20,000 mm       |
| Outer Diameter                  | 52,000 mm       |
| Width                           | 22,200 mm       |
| d                               | 20,000 mm       |
| D                               | 52,000 mm       |
| B                               | 22,200 mm       |
| C                               | 22,200 mm       |
| d1                              | 32.5 mm         |
| D1                              | 43.9 mm         |
| a                               | 34 mm           |
| Contact angle                   | 32 °            |
| rs min                          | 1.1 mm          |
| Radial clearance class          | CN              |
| Precision class                 | P0              |
| Mass                            | 0.23 kg         |
| Dynamic load, C                 | 20.6 kN         |
| Static load, C0                 | 18.4 kN         |
| Fatigue limit load, Cu          | 1.21 kN         |
| f0                              | 14.3            |
| Nref                            | 9,000 rpm       |
| Nlim                            | 13,000 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 | 4.43 Hz |
| Characteristic outer ring frequency, BPF0     | 4.89 Hz |
| Characteristic inner ring frequency, BRFI     | 7.11 Hz |
| da min  | 26.5 mm |
| Da max  | 45.5 mm |
| ra max  | 1 mm    |