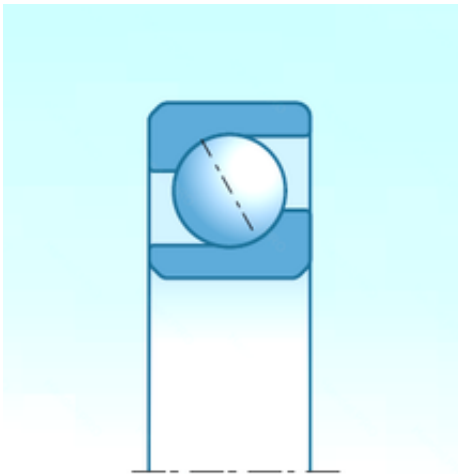




## NTN-SNR BEARING RULMENTI S.R.L.



7330BGM Bearing 2D drawings and 3D CAD models

150,000 mm x 320,000 mm x 65,000 mm SNR  
7330BGM Single row or matched pairs of angular  
contact ball bearings

Bearing No. 7330BGM

|                                    |               |
|------------------------------------|---------------|
| Size                               | 150x320x65 mm |
| Bore Diameter                      | 150,000 mm    |
| Outer Diameter                     | 320,000 mm    |
| Width                              | 65,000 mm     |
| d                                  | 150,000 mm    |
| D                                  | 320,000 mm    |
| B                                  | 65,000 mm     |
| C                                  | 65,000 mm     |
| d1                                 | 217 mm        |
| d2                                 | 169.9 mm      |
| D1                                 | 253.9 mm      |
| D2                                 | 302.1 mm      |
| a                                  | 131 mm        |
| Contact angle                      | 40 °          |
| rs min                             | 4 mm          |
| r1s min                            | 1.5 mm        |
| Radial clearance class             | CN            |
| Mass                               | 26 kg         |
| Dynamic load, C                    | 322 kN        |
| Static load, C0                    | 389 kN        |
| Fatigue limit load, Cu             | 11.5 kN       |
| Nref                               | 2,300 rpm     |
| Nlim                               | 2,600 rpm     |
| Min operating temperature,<br>Tmin | -40 ° C       |



## NTN-SNR BEARING RULMENTI S.R.L.

|   |          |
|---|----------|
| Max operating temperature, Tmax               | 120 ° C  |
| Characteristic cage frequency, FTF            | 0.41 Hz  |
| Characteristic rolling element frequency, BSF | 4.22 Hz  |
| Characteristic outer ring frequency, BPF0     | 4.94 Hz  |
| Characteristic inner ring frequency, BRFI     | 7.06 Hz  |
| da min  | 168 mm   |
| db min  | 168 mm   |
| Da max  | 302 mm   |
| Db max  | 311.5 mm |
| r1a max                                       | 1.5 mm   |
| ra max  | 3 mm     |