



NTN BEARING USA CORP.

60 mm x 110 mm x 28 mm SNR
22212.EG15KW33 Double row spherical roller
bearings

Bearing No. 22212.EG15KW33

22212.EG15KW33 Bearing 2D drawings and 3D CAD
models

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|------------------------------------|-----------|
| d | 60 mm |
| D | 110 mm |
| B | 28 mm |
| d2 | 71.9 mm |
| D1 | 98.5 mm |
| rs min | 1.5 mm |
| Number of lubrication holes | 3 |
| b | 6.9 mm |
| k | 3 mm |
| Associated sleeve reference | H312 |
| e | 0.24 |
| Y1 | 2.84 |
| Y2 | 4.23 |
| Y0 | 2.78 |
| Radial clearance class | CN |
| Mass | 1.1 kg |
| Dynamic load, C | 187 kN |
| Static load, C0 | 181 kN |
| Fatigue limit load, Cu | 22 kN |
| Nref | 5,600 rpm |
| Nlim | 7,500 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
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| Characteristic cage frequency, FTF | 0.42 Hz |
| Characteristic rolling element frequency, BSF | 6.17 Hz |
| Characteristic outer ring frequency, BPF0 | 7.6 Hz |
| Characteristic inner ring frequency, BRFI | 10.4 Hz |
| da min | 69 mm |
| Da max | 101 mm |
| ra max | 1.5 mm |