



NTN bearing de Mexico, S.A.

160 mm x 340 mm x 114 mm SNR
22332.EMW33 Double row spherical roller
bearings

Bearing No. 22332.EMW33

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|---------------------------------------|-----------|
| d | 160 mm |
| D | 340 mm |
| B | 114 mm |
| d2 | 219 mm |
| D1 | 295.2 mm |
| rs min | 4 mm |
| Number of lubrication holes | 3 |
| b | 20.3 mm |
| k | 10 mm |
| e | 0.33 |
| Y1 | 2.03 |
| Y2 | 3.02 |
| Y0 | 1.98 |
| Radial clearance class | CN |
| Mass | 50.7 kg |
| Dynamic load, C | 1,950 kN |
| Static load, C0 | 2,210 kN |
| Fatigue limit load, Cu | 158 kN |
| Nref | 1,400 rpm |
| Nlim | 1,900 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 200 ° C |
| Characteristic cage frequency, FTF | 0.41 Hz |

22332.EMW33 Bearing 2D drawings and 3D CAD
models



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|---|---------|
| Characteristic rolling element frequency, BSF | 5.33 Hz |
| Characteristic outer ring frequency, BPF0 | 6.58 Hz |
| Characteristic inner ring frequency, BPFI | 9.42 Hz |
| da min | 177 mm |
| Da max | 323 mm |
| ra max | 3 mm |