



BEARINGS(UK)LTD.

60 mm x 130 mm x 46 mm SNR
22312.EAW33C3 Double row spherical roller
bearings

Bearing No. 22312.EAW33C3

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|---------------------------------------|-----------|
| d | 60 mm |
| D | 130 mm |
| B | 46 mm |
| d2 | 75.3 mm |
| D1 | 111.9 mm |
| rs min | 2.1 mm |
| Number of lubrication holes | 3 |
| b | 8.7 mm |
| k | 4 mm |
| e | 0.35 |
| Y1 | 1.95 |
| Y2 | 2.9 |
| Y0 | 1.91 |
| Radial clearance class | C3 |
| Mass | 2.8 kg |
| Dynamic load, C | 340 kN |
| Static load, C0 | 319 kN |
| Fatigue limit load, Cu | 29.6 kN |
| Nref | 4,300 rpm |
| Nlim | 5,100 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 200 ° C |
| Characteristic cage frequency, FTF | 0.4 Hz |

22312.EAW33C3 Bearing 2D drawings and 3D CAD
models



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|---|---------|
| Characteristic rolling element frequency, BSF | 4.77 Hz |
| Characteristic outer ring frequency, BPF0 | 5.62 Hz |
| Characteristic inner ring frequency, BPFI | 8.38 Hz |
| da min | 72 mm |
| Da max | 118 mm |
| ra max | 2 mm |