



SNR BEARING CORP.OF AMERICA

220 mm x 340 mm x 118 mm SNR
24044EAW33 Double row spherical roller bearings

Bearing No. 24044EAW33

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|------------------------------------|-----------|
| d | 220 mm |
| D | 340 mm |
| B | 118 mm |
| d2 | 250.2 mm |
| D1 | 303.4 mm |
| rs min | 3 mm |
| Number of lubrication holes | 3 |
| b | 14.1 mm |
| k | 6 mm |
| e | 0.31 |
| Y1 | 2.18 |
| Y2 | 3.25 |
| Y0 | 2.13 |
| Radial clearance class | CN |
| Mass | 37.8 kg |
| Dynamic load, C | 1,930 kN |
| Static load, C0 | 2,750 kN |
| Fatigue limit load, Cu | 161 kN |
| Nref | 1,200 rpm |
| Nlim | 1,800 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 200 ° C |
| Characteristic cage frequency, FTF | 0.44 Hz |
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24044EAW33 Bearing 2D drawings and 3D CAD models



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| Characteristic rolling element frequency, BSF | 7.94 Hz |
| Characteristic outer ring frequency, BPF0 | 10.1 Hz |
| Characteristic inner ring frequency, BPF1 | 12.9 Hz |
| da min | 232.4 mm |
| Da max | 327.6 mm |
| ra max | 2.5 mm |