



NTN-SNR BEARING RULMENTI S.R.L.

150 mm x 210 mm x 45 mm NTN 23930EMD1
Double row spherical roller bearings

Bearing No. 23930EMD1

| | |
|---|-----------|
| d | 150 mm |
| D | 210 mm |
| B | 45 mm |
| d2 | 167 mm |
| D1 | 195 mm |
| rs min | 2 mm |
| Number of lubrication holes | 3 |
| b | 9.5 mm |
| k | 4 mm |
| e | 0.18 |
| Y1 | 3.71 |
| Y2 | 5.52 |
| Y0 | 3.63 |
| Radial clearance class | CN |
| Dynamic load, C | 419 kN |
| Static load, C0 | 635 kN |
| Fatigue limit load, Cu | 58.4 kN |
| Nref | 2,300 rpm |
| Nlim | 3,100 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 160 ° C |
| Characteristic cage frequency, FTF | 0.46 Hz |
| Characteristic rolling element frequency, BSF | 12.83 Hz |

23930EMD1 Bearing 2D drawings and 3D CAD models



NTN-SNR BEARING RULMENTI S.R.L.

| | |
|---|----------|
| Characteristic outer ring frequency, BPF0 | 15.23 Hz |
| Characteristic inner ring frequency, BRFI | 17.77 Hz |
| da min | 158.8 mm |
| Da max | 201.2 mm |
| ra max | 2 mm |