



BEARING INDUSTRIA CUSCINETTI S.P.A.

420 mm x 700 mm x 224 mm NTN 23184BL1K
Double row spherical roller bearings

Bearing No. 23184BL1K

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|------------------------------------|----------|
| d | 420 mm |
| D | 700 mm |
| B | 224 mm |
| d2 | 511 mm |
| D1 | 610.6 mm |
| rs min | 6 mm |
| Number of lubrication holes | 8 |
| b | 33 mm |
| k | 20 mm |
| Associated sleeve reference | H3184 |
| e | 0.32 |
| Y1 | 2.11 |
| Y2 | 3.15 |
| Y0 | 2.07 |
| Radial clearance class | CN |
| Dynamic load, C | 5,200 kN |
| Static load, C0 | 9,950 kN |
| Fatigue limit load, Cu | 686 kN |
| Nref | 450 rpm |
| Nlim | 750 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.44 Hz |
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23184BL1K Bearing 2D drawings and 3D CAD models



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|---|---------------|
| Characteristic rolling element frequency, BSF | 7.96 Hz |
| Characteristic outer ring frequency, BPF0 | 9.67 Hz |
| Characteristic inner ring frequency, BPF1 | 12.33 Hz |
| da min | 446 mm |
| db min | 443 mm |
| Ce min | 16 mm |
| Da max | 674 mm |
| ra max | 5 mm |
| Category | Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 343 |
| EAN | 4547359283914 |
| Product Group | B04311 |