



AMERICAN NTN BEARING LTD



3309A Bearing 2D drawings and 3D CAD models

45,000 mm x 100,000 mm x 39,700 mm SNR
3309A angular contact ball bearings

Bearing No. 3309A

| | |
|---------------------------------|------------------|
| Size | 45x100x39.700 mm |
| Bore Diameter | 45,000 mm |
| Outer Diameter | 100,000 mm |
| Width | 39,700 mm |
| d | 45,000 mm |
| D | 100,000 mm |
| B | 39,700 mm |
| C | 39,700 mm |
| d1 | 62.3 mm |
| D1 | 81.6 mm |
| a | 50.1 mm |
| Contact angle | 25 ° |
| rs min | 1.5 mm |
| Radial clearance class | CN |
| Precision class | P0 |
| Mass | 1.21 kg |
| Dynamic load, C | 66.2 kN |
| Static load, C0 | 51 kN |
| Fatigue limit load, Cu | 3.15 kN |
| f0 | 13.9 |
| Nref | 5,500 rpm |
| Nlim | 6,600 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| | |



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|---|---------|
| Characteristic cage frequency, FTF | 0.4 Hz |
| Characteristic rolling element frequency, BSF | 4.34 Hz |
| Characteristic outer ring frequency, BPF0 | 3.2 Hz |
| Characteristic inner ring frequency, BRFI | 4.8 Hz |
| da min | 53 mm |
| Da max | 92 mm |
| ra max | 1.5 mm |