



NTN Bearing de Mexico, S.A.



3319 A Bearing 2D drawings and 3D CAD models

95 mm x 200 mm x 77.8 mm SKF 3319 A
Angular Contact Ball Bearings

Bearing No. 3319 A

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|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 9.98 |
| EAN | 7316570555370 |
| Product Group | B00152 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Double Row |
| Precision Class | ABEC 3 ISO P6 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Steel |
| Contact Angle | 32 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 95MM Bore; 200MM Outside Diameter; 77.8MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring |



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| Category | Angular Contact Ball Bearing |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 3319 A |
| Weight / LBS | 21.98 |
| B | 3.063 Inch 77.8 Millimeter |
| D | 7.874 Inch 200 Millimeter |
| d | 3.74 Inch 95 Millimeter |
| bore diameter: | 95 mm |
| radial static load capacity: | 216 kN |
| outside diameter: | 200 mm |
| cage material: | Metal |
| overall width: | 3.0625 in |
| outer ring width: | 77.8 mm |
| contact angle: | 30 ° |
| maximum rpm: | 3200 RPM |
| row type & fill slot: | Double-Row Non-Fill Slot |
| finish/coating: | Uncoated |
| internal clearance: | C0 |
| precision rating: | Not Rated |
| closure type: | Open |
| fillet radius: | 2.5 mm |
| radial dynamic load capacity: | 240 kN |
| series: | 33 |
| d | 95 mm |
| D | 200 mm |
| B | 77.8 mm |
| d ₁ | 127.07 mm |



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| D_1 | 175.5 mm |
| $r_{1,2}$ min. | 3 mm |
| a | 127 mm |
| d_a min. | 109 mm |
| D_a max. | 186 mm |
| r_a max. | 2.5 mm |
| Basic dynamic load rating C | 240 kN |
| Basic static load rating C_0 | 216 kN |
| Fatigue load limit P_u | 7.5 kN |
| Reference speed | 3600 r/min |
| Limiting speed | 3200 r/min |
| Calculation factor k_r | 0.07 |
| Calculation factor e | 0.8 |
| Calculation factor X | 0.63 |
| Calculation factor Y_0 | 0.66 |
| Calculation factor Y_1 | 0.78 |
| Calculation factor Y_2 | 1.24 |
| Mass bearing | 11 kg |