



SNR BEARING CORP.OF AMERICA



7319 BEGAF Bearing 2D drawings and 3D CAD models

95 mm x 200 mm x 45 mm skf 7319 BEGAF
Single row angular contact ball bearings

Bearing No. 7319 BEGAF

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|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 6.455 |
| EAN | 7316571086781 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | Yes |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Steel |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Preload | Light |
| Mounting Arrangement | Universal |
| Inch - Metric | Metric |
| Long Description | 95MM Bore; 200MM Outside Diameter; 45MM Width; Open; Yes Flush Ground; Ball Bearing; Single |



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|---|---|
| | Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single); |
| 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 | 7319 BEGAF |
| B | 1.772 Inch 45 Millimeter |
| D | 7.874 Inch 200 Millimeter |
| d | 3.74 Inch 95 Millimeter |
| d | 95 mm |
| D | 200 mm |
| B | 45 mm |
| d ₁ | 136.2 mm |
| d ₂ | 114.92 mm |
| D ₁ | 161.25 mm |
| a | 84 mm |
| r _{1,2} min. | 3 mm |
| r _{3,4} min. | 1.1 mm |
| d _a min. | 109 mm |
| D _a max. | 186 mm |
| D _b max. | 193 mm |
| r _a max. | 2.5 mm |
| r _b max. | 1 mm |
| Basic dynamic load rating C | 168 kN |
| Basic static load rating C ₀ | 150 kN |
| Fatigue load limit P _u | 5.2 kN |
| Reference speed | 4000 r/min |
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|--------------------------|------------|
| Limiting speed | 3800 r/min |
| Calculation factor A | 0.406 |
| Calculation factor k_r | 0.1 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.35 |
| Calculation factor Y_0 | 0.26 |
| Calculation factor Y_2 | 0.57 |
| Calculation factor X | 0.57 |
| Calculation factor Y_0 | 0.52 |
| Calculation factor Y_1 | 0.55 |
| Calculation factor Y_2 | 0.93 |
| Mass bearing | 6.05 kg |