



GARLOCK BEARINGS LTD



3207 ATN9 Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 27 mm SKF 3207 ATN9 Angular Contact Ball Bearings

Bearing No. 3207 ATN9

| | |
|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.46 |
| EAN | 7316577051820 |
| Product Group | B00152 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Double Row |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Polyamide |
| Contact Angle | 30 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 35MM Bore; 72MM Outside Diameter; 27MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; |



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| | C0-Medium; Polyamide Cage; 30 Degree; 1 (Single) |
| Other Features | Glass Fibre Reinforced Cage |
| 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 | 3207 ATN9 |
| Weight / LBS | 0.992 |
| d | 1.378 Inch 35 Millimeter |
| D | 2.835 Inch 72 Millimeter |
| B | 1.063 Inch 27 Millimeter |
| bore diameter: | 35 mm |
| maximum temperature: | 257 ° F |
| outside diameter: | 72 mm |
| cage material: | Polyamide 66 |
| overall width: | 27 mm |
| maximum rpm: | 9000 rpm |
| contact angle: | 30 ° |
| finish/coating: | Uncoated |
| row type & fill slot: | Double-Row Non-Fill Slot |
| fillet radius: | 1.1 mm |
| bore type: | Round |
| series: | 3200 |
| closure type: | Open |
| weight: | 0.97 lb |
| bearing material: | Steel |
| manufacturer product page: | Click here |
| radial dynamic load capacity: | 40 kN |
| | |



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|---|---------------|
| manufacturer upc number: | 7316577051820 |
| radial static load capacity: | 28 kN |
| d | 35 mm |
| D | 72 mm |
| B | 27 mm |
| d ₂ | 45.4 mm |
| D ₂ | 63.85 mm |
| r _{1,2} min. | 1.1 mm |
| a | 42 mm |
| d _a min. | 42 mm |
| D _a max. | 65 mm |
| r _a max. | 1 mm |
| Basic dynamic load rating C | 40 kN |
| Basic static load rating C ₀ | 28 kN |
| Fatigue load limit P _u | 1.18 kN |
| Reference speed | 10000 r/min |
| Limiting speed | 9000 r/min |
| Calculation factor k _r | 0.06 |
| 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 | 0.44 kg |