



TIMKEN BEARINGS(UK)LTD.



3201 A-2RS1TN9/MT33 Bearing 2D drawings and 3D CAD models

12 mm x 32 mm x 15.9 mm SKF 3201
A-2RS1TN9/MT33 Angular Contact Ball Bearings

Bearing No. 3201 A-2RS1TN9/MT33

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|---------------------------------|--|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.066 |
| EAN | 7316570452716 |
| Product Group | B00152 |
| Enclosure | 2 Seals |
| 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 | 12MM Bore; 32MM Outside Diameter; 15.9MM Width; 2 Seals; 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 (Si |
| Other Features | NBR Contact Seal Glass Fibre Reinforced Cage MT33-Lithium Soap Thickener Grease |
| 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 | 3201 A-2RS1TN9/MT33 |
| Weight / LBS | 0.1406 |
| d | 0.472 Inch 12 Millimeter |
| B | 0.626 Inch 15.9 Millimeter |
| D | 1.26 Inch 32 Millimeter |
| bore diameter: | 12 mm |
| operating temperature range: | -40 to +210 ° F |
| outside diameter: | 32 mm |
| cage material: | Fiberglass Reinforced Nylon |
| overall width: | 0.6250 in |
| outer ring width: | 15.9 mm |
| contact angle: | 30 ° |
| maximum rpm: | 15000 RPM |
| row type & fill slot: | Double-Row Non-Fill Slot |
| finish/coating: | Uncoated |
| internal clearance: | C0 |
| precision rating: | Not Rated |
| closure type: | Double Seal |
| fillet radius: | 0.6 mm |
| radial dynamic load | 10.1 kN |



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|---|-------------|
| capacity: | |
| series: | 32 |
| radial static load capacity: | 5.6 kN |
| d | 12 mm |
| D | 32 mm |
| B | 15.9 mm |
| d ₂ | 17.2 mm |
| D ₂ | 27.7 mm |
| r _{1,2} min. | 0.6 mm |
| a | 19 mm |
| d _a min. | 16.4 mm |
| d _a max. | 17 mm |
| D _a max. | 27.6 mm |
| r _a max. | 0.6 mm |
| Basic dynamic load rating C | 10.1 kN |
| Basic static load rating C ₀ | 5.6 kN |
| Fatigue load limit P _u | 0.24 kN |
| Limiting speed | 15000 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 | 0.058 kg |