



NTN Bearing de Mexico, S.A.



20 mm x 47 mm x 20.6 mm SKF 3204 ATN9
Angular Contact Ball Bearings

Bearing No. 3204 ATN9

3204 ATN9 Bearing 2D drawings and 3D CAD models

| | |
|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.16 |
| EAN | 7316577036520 |
| Product Group | B04270 |
| 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 | 20MM Bore; 47MM Outside Diameter; 20.6MM 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 (Singl |
| 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 | 3204 ATN9 |
| Weight / LBS | 0.3406 |
| B | 0.811 Inch 20.6 Millimeter |
| D | 1.85 Inch 47 Millimeter |
| d | 0.787 Inch 20 Millimeter |
| bore diameter: | 20 mm |
| radial static load capacity: | 12 kN |
| outside diameter: | 47 mm |
| cage material: | Polyamide |
| overall width: | 0.8125 in |
| outer ring width: | 20.6 mm |
| contact angle: | 30 ° |
| maximum rpm: | 14000 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: | 1 mm |
| radial dynamic load capacity: | 20 kN |
| series: | 32 |
| d | 20 mm |
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|--------------------------------|-------------|
| D | 47 mm |
| B | 20.6 mm |
| d_2 | 27.7 mm |
| D_2 | 40.9 mm |
| $r_{1,2}$ min. | 1 mm |
| a | 28 mm |
| d_a min. | 25.6 mm |
| D_a max. | 41.4 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 20.4 kN |
| Basic static load rating C_0 | 12.9 kN |
| Fatigue load limit P_u | 0.55 kN |
| Reference speed | 16000 r/min |
| Limiting speed | 14000 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 | 0.16 kg |