



COOPER BEARING LIMITED



7201 BEP Bearing 2D drawings and 3D CAD models

12 mm x 32 mm x 10 mm SKF 7201 BEP Angular Contact Ball Bearings

Bearing No. 7201 BEP

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|---------------------------------|--|
| Category | Angular Contact Ball Bearings |
| Inventory | 8.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.039 |
| EAN | 7316576649677 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 3 ISO P6 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Polymer |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 12MM Bore; 32MM Outside Diameter; 10MM Width; Open; No Flush Ground; Ball Bearing; Single 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 | 7201 BEP |
| Weight / LBS | 0.079 |
| d | 0.472 Inch 12 Millimeter |
| B | 0.394 Inch 10 Millimeter |
| D | 1.26 Inch 32 Millimeter |
| bore diameter: | 12 mm |
| radial static load capacity: | 3.8 kN |
| outside diameter: | 32 mm |
| cage material: | Nylon |
| overall width: | 10 mm |
| outer ring width: | 10 mm |
| contact angle: | 40 ° |
| maximum rpm: | 26000 RPM |
| row type & fill slot: | Single-Row Non-Fill Slot |
| finish/coating: | Uncoated |
| internal clearance: | C0 |
| precision rating: | ABEC 3 (ISO Class 6) |
| closure type: | Open |
| fillet radius: | 0.6 mm |
| radial dynamic load capacity: | 7.61 kN |
| series: | 72 |
| d | 12 mm |
| D | 32 mm |
| B | 10 mm |
| d ₁ | 20.2 mm |



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|--------------------------------|-------------|
| d_2 | 16.57 mm |
| D_1 | 25 mm |
| a | 14 mm |
| $r_{1,2}$ min. | 0.6 mm |
| $r_{3,4}$ min. | 0.3 mm |
| d_a min. | 16.2 mm |
| D_a max. | 27.8 mm |
| D_b max. | 30 mm |
| r_a max. | 0.6 mm |
| r_b max. | 0.3 mm |
| Basic dynamic load rating C | 7.61 kN |
| Basic static load rating C_0 | 3.8 kN |
| Fatigue load limit P_u | 0.16 kN |
| Reference speed | 28000 r/min |
| Limiting speed | 26000 r/min |
| Calculation factor A | 0.000283 |
| Calculation factor k_r | 0.095 |
| 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 | 0.036 kg |