



Shandong Xiangyang Bearing Co., Ltd



7205 BEGBY Bearing 2D drawings and 3D CAD models

25 mm x 52 mm x 15 mm SKF 7205 BEGBY
7205 BEGBY

Bearing No. 7205 BEGBY

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|---------------------------------|--|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.13 |
| EAN | 7316576649769 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | Yes |
| 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 | Brass |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Preload | Medium |
| Mounting Arrangement | Universal |
| Inch - Metric | Metric |
| Long Description | 25MM Bore; 52MM Outside Diameter; 15MM Width; Open; Yes Flush Ground; Ball Bearing; Single |



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| | Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring |
| 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 | 7205 BEGBY |
| Weight / LBS | 0.291 |
| d | 0.984 Inch 25 Millimeter |
| B | 0.591 Inch 15 Millimeter |
| D | 2.047 Inch 52 Millimeter |
| bore diameter: | 25 mm |
| radial static load capacity: | 10.2 kN |
| outside diameter: | 52 mm |
| cage material: | Brass |
| overall width: | 15 mm |
| outer ring width: | 15 mm |
| contact angle: | 40 ° |
| maximum rpm: | 15000 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: | 1 mm |
| radial dynamic load capacity: | 15.6 kN |
| series: | 72 |
| d | 25 mm |
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|---|-------------|
| D | 52 mm |
| B | 15 mm |
| d ₁ | 36.1 mm |
| d ₂ | 30.87 mm |
| D ₁ | 41.5 mm |
| a | 24 mm |
| r _{1,2} min. | 1 mm |
| r _{3,4} min. | 0.6 mm |
| d _a min. | 30.6 mm |
| D _a max. | 46.4 mm |
| D _b max. | 47.8 mm |
| r _a max. | 1 mm |
| r _b max. | 0.6 mm |
| Basic dynamic load rating C | 14.8 kN |
| Basic static load rating C ₀ | 9.3 kN |
| Fatigue load limit P _u | 0.4 kN |
| Reference speed | 16000 r/min |
| Limiting speed | 15000 r/min |
| Calculation factor A | 0.00159 |
| 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 | 0.13 kg |