



Cixi Kent Bearing Co., Ltd.



7312 BEM Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 31 mm SKF 7312 BEM Angular Contact Ball Bearings

Bearing No. 7312 BEM

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|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 1.9 |
| 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 | Brass |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 60MM Bore; 130MM Outside Diameter; 31MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring |
| Category | Angular Contact Ball |



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| | 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 | 7312 BEM |
| Weight / LBS | 4.187 |
| D | 5.118 Inch 130 Millimeter |
| B | 1.22 Inch 31 Millimeter |
| d | 2.362 Inch 60 Millimeter |
| d | 60 mm |
| D | 130 mm |
| B | 31 mm |
| d ₁ | 87.25 mm |
| d ₂ | 72.6 mm |
| D ₁ | 104.8 mm |
| a | 55 mm |
| r _{1,2} min. | 2.1 mm |
| r _{3,4} min. | 1.1 mm |
| d _a min. | 72 mm |
| D _a max. | 118 mm |
| D _b max. | 123 mm |
| r _a max. | 2 mm |
| r _b max. | 1 mm |
| Basic dynamic load rating C | 95.6 kN |
| Basic static load rating C ₀ | 69.5 kN |
| Fatigue load limit P _u | 3 kN |
| Reference speed | 6300 r/min |
| Limiting speed | 6300 r/min |
| Calculation factor A | 0.0846 |
| Calculation factor k _r | 0.1 |
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| 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 | 1.75 kg |