



NTN BEARING USA CORP.



25 mm x 62 mm x 17 mm SKF 7305 BEGBP Angular Contact Ball Bearings

Bearing No. 7305 BEGBP

7305 BEGBP Bearing 2D drawings and 3D CAD models

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|---------------------------------|--|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.224 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | Yes |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Polyamide |
| 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; 62MM Outside Diameter; 17MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap |



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| | Ring; C0-Medium; Polyamide Cage; 40 Degree; 1 (Single) |
| 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 |
| D | 2.441 Inch 62 Millimeter |
| d | 0.984 Inch 25 Millimeter |
| B | 0.669 Inch 17 Millimeter |
| d | 25 mm |
| D | 62 mm |
| B | 17 mm |
| d ₁ | 39.75 mm |
| d ₂ | 32.38 mm |
| D ₁ | 48.25 mm |
| a | 26.8 mm |
| r _{1,2} min. | 1.1 mm |
| r _{3,4} min. | 0.6 mm |
| d _a min. | 32 mm |
| D _a max. | 55 mm |
| D _b max. | 57.8 mm |
| r _a max. | 1 mm |
| r _b max. | 0.6 mm |
| Basic dynamic load rating C | 26.5 kN |
| Basic static load rating C ₀ | 15.3 kN |
| Fatigue load limit P _u | 0.655 kN |
| Reference speed | 14000 r/min |
| Limiting speed | 15000 r/min |
| Calculation factor A | 0.00391 |
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| Calculation factor k_r | 0.1 |
| 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 | 0.23 kg |