



Bearing No. 7213 BECBP

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| a | 50 mm |
| d | 65 mm |
| D | 120 mm |
| B | 23 mm |
| Noun | Bearing |
| Bore | 2.559 Inch 65 Millimeter |
| Width | 0.906 Inch 23 Millimeter |
| UNSPSC | 31171531 |
| series: | 72 |
| Category | Angular Contact Ball Bearing |
| Enclosure | Open |
| Snap Ring | No |
| Size (mm) | 120x65x23 |
| Inventory | 0.0 |
| Width (mm) | 23 |
| Weight / LBS | 2.222 |
| maximum rpm: | 6700 RPM |
| Flush Ground | Yes |
| Mass bearing | 1 kg |
| Contact Angle | 40 Degree |
| Cage Material | Polymer |
| closure type: | Open |
| Product Group | B00308 |
| Inch - Metric | Metric |
| d ₂ | 75.48 mm |
| d ₁ | 86.35 mm |
| D ₁ | 100 mm |
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| Other Features | Normal Axial Internal Clearance |
| fillet radius: | 1.5 mm |
| contact angle: | 40 ° |
| overall width: | 23 mm |
| cage material: | Nylon |
| bore diameter: | 65 mm |
| Keyword String | Angular Contact |
| Bearing number | 7213 BECBP |
| Limiting speed | 6700 r/min |
| finish/coating: | Uncoated |
| Rolling Element | Ball Bearing |
| Precision Class | ABEC 3 ISO P6 |
| Reference speed | 6700 r/min |
| Long Description | 65MM Bore; 120MM Outside Diameter; 23MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring |
| Outside Diameter | 4.724 Inch 120 Millimeter |
| Manufacturer URL | http://www.skf.com |
| Weight / Kilogram | 1.011 |
| precision rating: | Not Rated |
| outside diameter: | 120 mm |
| Manufacturer Name | SKF |
| outer ring width: | 23 mm |
| d _a min. | 74 mm |
| Number of Bearings | 1 (Single) |
| Bore Diameter (mm) | 120 |
| r _b max. | 1 mm |
| r _a max. | 1.5 mm |

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| Internal Clearance | CB |
| D_b max. | 114 mm |
| D_a max. | 111 mm |
| internal clearance: | C0 |
| Outer Diameter (mm) | 65 |
| $r_{1,2}$ min. | 1.5 mm |
| Calculation factor A | 0.0478 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.57 |
| Mounting Arrangement | Universal |
| $r_{3,4}$ min. | 1 mm |
| r_b - max. | 1 mm |
| r_a - max. | 1.5 mm |
| D_b - max. | 114 mm |
| d_a - min. | 74 mm |
| Minimum Buy Quantity | N/A |
| D_a - max. | 111 mm |
| D_1 ? | 99.45 mm |
| d_2 ? | 75.48 mm |
| d_1 ? | 86.35 mm |
| row type & fill slot: | Single-Row Non-Fill Slot |
| Calculation factor - X | 0.35 |
| Calculation factor - e | 1.14 |
| $r_{1,2}$ - min. | 1.5 mm |
| $r_{3,4}$ - min. | 1 mm |
| Harmonized Tariff Code | 8482.10.50.28 |
| Number of Rows of Balls | Single Row |
| Manufacturer Item Number | 7213 BECBP |
| Basic dynamic load rating C | 69.5 kN |
| radial static load capacity: | 57 kN |
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|----------------------------------|---------|
| radial dynamic load capacity: | 69.5 kN |
| Basic dynamic load rating - C | 69.5 kN |
| Maximum Capacity / Filling Slot | No |
| Calculation factor Y_0 | 0.52 |
| Calculation factor Y_2 | 0.93 |
| Calculation factor Y_1 | 0.55 |
| Calculation factor k_r | 0.095 |
| Fatigue load limit P_u | 2.45 kN |
| Calculation factor - k_r | 0.095 |
| Calculation factor - Y_0 | 0.26 |
| Fatigue load limit - P_u | 2.4 kN |
| Calculation factor - Y_1 | |
| Calculation factor - Y_2 | 0.57 |
| Calculation factor - k_a | 1.4 |
| Basic static load rating C_0 | 57 kN |
| Basic static load rating - C_0 | 57 kN |