



Guangzhou Ouster Hydraulic Co., Ltd.



3218 A Bearing 2D drawings and 3D CAD models

90 mm x 160 mm x 52.4 mm SKF 3218 A Angular Contact Ball Bearings

Bearing No. 3218 A

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|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 3.819 |
| EAN | 7316570772555 |
| Product Group | B00152 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Double Row |
| Precision Class | ABEC 3 ISO P6 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Steel |
| Contact Angle | 30 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 90MM Bore; 160MM Outside Diameter; 52.4MM Width; Open; No Flush Ground; Ball Bearing; Double 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 | 5218 A |
| Weight / LBS | 8.17 |
| d | 3.543 Inch 90 Millimeter |
| B | 2.063 Inch 52.4 Millimeter |
| D | 6.299 Inch 160 Millimeter |
| bore diameter: | 90 mm |
| maximum temperature: | 257 ° F |
| outside diameter: | 160 mm |
| cage material: | Steel |
| overall width: | 2.0625 in |
| maximum rpm: | 3600 rpm |
| contact angle: | 30 ° |
| finish/coating: | Uncoated |
| row type & fill slot: | Double-Row Non-Fill Slot |
| fillet radius: | 2 mm |
| bore type: | Round |
| series: | 3200 |
| closure type: | Open |
| weight: | 9.15 lbs |
| bearing material: | Steel |
| manufacturer product page: | Click here |
| radial dynamic load capacity: | 130 kN |
| manufacturer upc number: | 7316570772555 |
| radial static load capacity: | 120 kN |
| d | 90 mm |



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| D | 160 mm |
| B | 52.4 mm |
| d ₁ | 111.53 mm |
| D ₁ | 136.76 mm |
| r _{1,2} min. | 2 mm |
| a | 94 mm |
| d _a min. | 101 mm |
| D _a max. | 149 mm |
| r _a max. | 2 mm |
| Basic dynamic load rating C | 130 kN |
| Basic static load rating C ₀ | 120 kN |
| Fatigue load limit P _u | 4.55 kN |
| Reference speed | 4300 r/min |
| Limiting speed | 3600 r/min |
| Calculation factor k _r | 0.06 |
| Calculation factor e | 0.8 |
| Calculation factor X | 0.63 |
| Calculation factor Y ₀ | 0.66 |
| Calculation factor Y ₁ | 0.78 |
| Calculation factor Y ₂ | 1.24 |
| Mass bearing | 4.15 kg |