

SKF 1216 K self aligning ball bearings

Various 190x90x43 Size (mm) 190 Bore Diameter (mm) types and sizes to accommodate your SKF 1216 K self aligning ball bearings requirements.

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| Size (mm) | 190x90x43 |
| Bore Diameter (mm) | 190 |
| Outer Diameter (mm) | 90 |
| Width (mm) | 43 |
| d | 90 mm |
| D | 190 mm |
| B | 43 mm |
| d1 | 129.2 mm |
| d2 | 108.97 mm |
| D1 | 153.1 mm |
| a | 80 mm |
| r1,2 – min. | 3 mm |
| r3,4 – min. | 1.1 mm |
| da – min. | 104 mm |
| Da – max. | 176 mm |
| Db – max. | 183 mm |
| ra – max. | 2.5 mm |
| rb – max. | 1 mm |
| Basic dynamic load rating – C | 166 kN |
| Basic static load rating – C0 | 146 kN |
| Fatigue load limit – Pu | 5.3 kN |
| Reference speed | 4500 r/min |

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| Limiting speed | 4500 r/min |
| Calculation factor – kr | 0.1 |
| Calculation factor – ka | 1.6 |
| Calculation factor – e | 1.14 |
| Calculation factor – X | 0.35 |
| Calculation factor – Y0 | 0.26 |
| Calculation factor – Y1 | 0.55 |
| Calculation factor – Y2 | 0.57 |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 5.634 |
| EAN | 7316577151186 |
| 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 | Brass |
| Contact Angle | 40 Degree |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Preload | Light |
| Mounting Arrangement | Universal |
| Inch – Metric | Metric |

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| Long Description | 90MM Bore; 190MM Outside Diameter; 43MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact |
| Manufacturer Item Number | 7318 BEGAM |
| Width | 1.693 Inch 43 Millimeter |
| Bore | 3.543 Inch 90 Millimeter |
| Outside Diameter | 7.48 Inch 190 Millimeter |
| bore diameter: | 90 mm |
| cage material: | Brass |
| outside diameter: | 190 mm |
| outer ring width: | 43 mm |
| overall width: | 43 mm |
| finish/coating: | Uncoated |
| contact angle: | 40 ° |
| precision rating: | ABEC 3 (ISO Class 6) |
| row type & fill slot: | Single-Row Non-Fill Slot |
| fillet radius: | 2.5 mm |
| internal clearance: | C0 |
| series: | 73 |
| closure type: | Open |
| d1 ≈ | 129.2 mm |
| d2 ≈ | 108.97 mm |
| D1 ≈ | 153.1 mm |
| r1,2 min. | 3 mm |
| r3,4 min. | 1.1 mm |

| | |
|-----------------------------|--------|
| da min. | 104 mm |
| Da max. | 176 mm |
| Db max. | 183 mm |
| ra max. | 2.5 mm |
| rb max. | 1 mm |
| Basic dynamic load rating C | 166 kN |
| Basic static load rating C0 | 146 kN |
| Fatigue load limit Pu | 5.3 kN |
| Calculation factor A | 0.333 |
| Calculation factor kr | 0.1 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.57 |
| Calculation factor Y0 | 0.52 |
| Calculation factor Y2 | 0.93 |
| Calculation factor Y1 | 0.55 |
| Mass bearing | 5.2 kg |