



Original Koyo Bearing LTD



1220 K Bearing 2D drawings and 3D CAD models

100 mm x 180 mm x 34 mm SKF 1220 K Self Aligning Ball Bearings

Bearing No. 1220 K

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|-------------------------|--|
| Category | Self Aligning Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 3.728 |
| EAN | 7316576605468 |
| Product Group | B00152 |
| Mounting Method | Tapered Adapter |
| Enclosure | Open |
| Rolling Element | Ball Bearing |
| Adapter Sleeve | H-220 |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Internal Clearance | C0-Medium |
| Number of Rows of Balls | Double Row |
| Other Features | Allowable Misalignment 3 Deg 1:12 Taper |
| Long Description | 100MM Bore; Tapered Adapter Mount; 180MM Outside Diameter; 34MM Inner Race Width; 34MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium |
| Inch - Metric | Metric |
| Category | Self Aligning Ball Bearings |
| UNSPSC | 31171532 |



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|--------------------------|---|
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Self Aligning |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 1220 K |
| Weight / LBS | 8.212 |
| D | 7.087 Inch 180 Millimeter |
| d | 3.937 Inch 100 Millimeter |
| Outer Race Width | 1.339 Inch 34 Millimeter |
| Inner Race Width | 1.339 Inch 34 Millimeter |
| bore diameter: | 100 mm |
| static load capacity: | 30 kN |
| outside diameter: | 180 mm |
| precision rating: | Not Rated |
| overall width: | 34 mm |
| maximum rpm: | 4800 RPM |
| bore type: | Tapered 1:12 |
| finish/coating: | Uncoated |
| closure type: | Open |
| outer ring width: | 34 mm |
| internal clearance: | C0 |
| fillet radius: | 2 mm |
| dynamic load capacity: | 68.9 kN |
| series: | 1200 |
| d | 100 mm |
| D | 180 mm |
| B | 34 mm |
| d ₁ | 127 mm |
| D ₁ | 155.8 mm |
| r _{1,2} min. | 2.1 mm |
| D _a max. | 168 mm |
| r _a max. | 2 mm |
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|----------------------------------|------------|
| Basic dynamic load rating C | 68.9 kN |
| Basic static load rating C_0 | 30 kN |
| Fatigue load limit P_u | 1.29 kN |
| Reference speed | 7500 r/min |
| Limiting speed | 4800 r/min |
| Permissible angular misalignment | 2.5 ° |
| Calculation factor k_r | 0.04 |
| Calculation factor e | 0.17 |
| Calculation factor Y_0 | 4 |
| Calculation factor Y_1 | 3.7 |
| Calculation factor Y_2 | 5.7 |
| Mass bearing | 3.6 kg |