

# SKF 6244 deep groove ball bearings

With over 10170 full-service stores, 110x50x40 Size (mm) our SKF 6244 deep groove ball bearings inventory is extensive and our parts are priced right. within 24 hours. This helps you maximize your productivity by saving time and your hard-earned dollars.

|                               |            |
|-------------------------------|------------|
| Size (mm)                     | 110x50x40  |
| Bore Diameter (mm)            | 110        |
| Outer Diameter (mm)           | 50         |
| Width (mm)                    | 40         |
| d                             | 50 mm      |
| D                             | 110 mm     |
| B                             | 40 mm      |
| d2                            | 63.9 mm    |
| D1                            | 91.9 mm    |
| b                             | 6 mm       |
| K                             | 3 mm       |
| r1,2 – min.                   | 2 mm       |
| da – min.                     | 57.2 mm    |
| da – max.                     | 63 mm      |
| Da – max.                     | 99 mm      |
| ra – max.                     | 2 mm       |
| Basic dynamic load rating – C | 228 kN     |
| Basic static load rating – C0 | 216 kN     |
| Fatigue load limit – Pu       | 23.2 kN    |
| Reference speed               | 4800 r/min |

|                           |  |
|---------------------------|--|
| Limiting speed            | 6300 r/min   |
| Calculation factor – e    | 0.37   |
| Calculation factor – Y1   | 1.8  |
| Calculation factor – Y2   | 2.7  |
| Calculation factor – Y0   | 1.8  |
| Inventory                 | 0.0  |
| Manufacturer Name         | SKF  |
| Minimum Buy Quantity      | N/A  |
| Weight / Kilogram         | 1.839  |
| EAN                       | 7316571551678  |
| Product Group             | B04311   |
| Internal Clearance        | C0-Medium  |
| Mounting Method           | Adapter Mount  |
| Rolling Element           | Spherical Roller Bearing   |
| Bore Profile              | Tapered  |
| Cage Material             | Steel  |
| Enclosure                 | Open   |
| Number of Rows of Rollers | Double Row   |
| Relubricatable            | Yes  |
| Withdrawal Sleeve         | AHX2310 (Specify bore)   |
| Withdrawal Nut            | KM11   |
| Inch – Metric             | Metric   |
| Long Description          | 50MM Tapered Bore; 110MM Outside Diameter; 40MM Width; C0-Medium Clearance; Adapter Mount; Double Ro |

|                              |  |
|------------------------------|--|
| Other Features               | Order adapter or withdrawal sleeve or nut separately. Others may be available    |
| UNSPSC                       | 31171510   |
| Harmonized Tariff Code       | 84823080   |
| Noun                         | Bearing  |
| Keyword String               | Spherical  |
| Weight / LBS                 | 4.05   |
| Width                        | 1.575 Inch   40 Millimeter   |
| Outside Diameter             | 4.331 Inch   110 Millimeter  |
| Bore                         | 1.969 Inch   50 Millimeter   |
| Adapter Part Number          | SNW110 H2310 HA2310 HE2310 (Specify bore) Inch   H2310 (Specify bore) Millimeter |
| bore diameter:               | 50 mm  |
| maximum rpm:                 | 6300 RPM   |
| outside diameter:            | 110 mm   |
| operating temperature range: | Maximum of +390 °F   |
| overall width:               | 40 mm  |
| cage material:               | Steel  |
| bore type:                   | Tapered 1:12   |
| bearing material:            | Steel  |
| outer ring type:             | Not Split  |
| cage type:                   | Inner Ring Guided  |
| internal clearance:          | C0   |
| precision rating:            | Not Rated  |
| closure type:                | Open   |

|   |                           |
|---|---------------------------|
| finish/coating:                         | Uncoated                  |
| lubrication hole type:                  | Lubrication Groove & Hole |
| outer ring width:                       | 40 mm                     |
| dynamic load capacity:                  | 220 kN                    |
| fillet radius:                          | 2 mm                      |
| static load capacity:                   | 224 kN                    |
| series:                                 | 223                       |
| d2 ≈                                    | 63.9 mm                   |
| D1 ≈                                    | 91.9 mm                   |
| r1,2 min.                               | 2 mm                      |
| Da max.                                 | 99 mm                     |
| ra max.                                 | 2 mm                      |
| Basic dynamic load rating C             | 228 kN                    |
| Basic static load rating C0             | 224 kN                    |
| Fatigue load limit Pu                   | 24 kN                     |
| Calculation factor e                    | 0.37                      |
| Calculation factor Y1                   | 1.8                       |
| Calculation factor Y2                   | 2.7                       |
| Calculation factor Y0                   | 1.8                       |
| Mass bearing                            | 1.85 kg                   |
| Recommended lock nut tightening angle α | 130 °                     |