

# NSK 22334EVBC4 spherical roller bearings

NSK 22334EVBC4 spherical roller bearings Deal is your source for OEM and accessories. We 225 Bore Diameter (mm) sell Genuine 90 Outer Diameter (mm) at discount prices. 225x90x54 Size (mm)

|                               |            |
|-------------------------------|------------|
| Size (mm)                     | 225x90x54  |
| Bore Diameter (mm)            | 225        |
| Outer Diameter (mm)           | 90         |
| Width (mm)                    | 54         |
| d                             | 90 mm      |
| D                             | 225 mm     |
| B                             | 54 mm      |
| d1                            | 132 mm     |
| D1                            | 182.1 mm   |
| a                             | 95 mm      |
| r1,2 – min.                   | 4 mm       |
| r3,4 – min.                   | 4 mm       |
| da – min.                     | 55 mm      |
| Da – max.                     | 110 mm     |
| Db – max.                     | 202 mm     |
| ra – max.                     | 2 mm       |
| rb – max.                     | 2 mm       |
| Basic dynamic load rating – C | 212 kN     |
| Basic static load rating – C0 | 193 kN     |
| Fatigue load limit – Pu       | 6.6 kN     |
| Reference speed               | 3600 r/min |

|                                 |                 |
|---------------------------------|-----------------|
| Limiting speed                  | 3800 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               | 11.13           |
| EAN                             | 7316571267203   |
| Product Group                   | B00308          |
| Enclosure                       | Open            |
| Flush Ground                    | Yes             |
| Rolling Element                 | Ball Bearing    |
| Number of Rows of Balls         | Single Row      |
| Precision Class                 | ABEC 3   ISO P6 |
| Maximum Capacity / Filling Slot | No              |
| Snap Ring                       | No              |
| Cage Material                   | Brass           |
| Contact Angle                   | 40 Degree       |
| Internal Clearance              | CB              |
| Number of Bearings              | 1 (Single)      |
| Mounting Arrangement            | Universal       |
| Inch – Metric                   | Metric          |

|                               |  |
|-------------------------------|--|
| Long Description              | 90MM Bore; 225MM Outside Diameter; 54MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B |
| Other Features                | Normal Axial Internal Clearance  |
| UNSPSC                        | 31171531   |
| Harmonized Tariff Code        | 8482.10.50.28  |
| Noun                          | Bearing  |
| Keyword String                | Angular Contact  |
| Manufacturer Item Number      | 7418 CBM   |
| Weight / LBS                  | 24.519   |
| Width                         | 2.126 Inch   54 Millimeter   |
| Bore                          | 3.543 Inch   90 Millimeter   |
| Outside Diameter              | 8.858 Inch   225 Millimeter  |
| bore diameter:                | 90 mm  |
| radial static load capacity:  | 200 kN   |
| outside diameter:             | 225 mm   |
| cage material:                | Brass  |
| overall width:                | 54 mm  |
| outer ring width:             | 54 mm  |
| contact angle:                | 40 °   |
| maximum rpm:                  | 3800 RPM   |
| row type & fill slot:         | Single-Row Non-Fill Slot   |
| finish/coating:               | Uncoated   |
| internal clearance:           | C0   |
| precision rating:             | ABEC 3 (ISO Class 6)   |
| closure type:                 | Open   |
| fillet radius:                | 3 mm   |
| radial dynamic load capacity: | 216 kN   |

|                             |          |
|-----------------------------|----------|
| series:                     | 74       |
| d1 ≈                        | 132 mm   |
| D1 ≈                        | 182.1 mm |
| r1,2 min.                   | 4 mm     |
| r3,4 min.                   | 4 mm     |
| da min.                     | 55 mm    |
| Da max.                     | 110 mm   |
| Db max.                     | 202 mm   |
| ra max.                     | 2 mm     |
| rb max.                     | 2 mm     |
| Basic dynamic load rating C | 212 kN   |
| Basic static load rating C0 | 193 kN   |
| Fatigue load limit Pu       | 6.55 kN  |
| Calculation factor A        | 0.725    |
| 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                | 11.5 kg  |