



23244CKE4 NSK Spherical Roller Bearing

Bearing No. 23244CKE4

| | |
|-------------------------------|---------------------------|
| Size | 220x400x144 mm |
| Bore Diameter | 220 mm |
| Outer Diameter | 400 mm |
| Width | 144 mm |
| d | 220 mm |
| D | 400 mm |
| B | 144 mm |
| C | 144 mm |
| r min. | 4 mm |
| da min. | 238 mm |
| da max | 260 mm |
| Da min | 337 mm |
| Da max. | 382 mm |
| ra max. | 3 mm |
| Weight | 80,4 Kg |
| Basic dynamic load rating (C) | 2020 kN |
| Basic static load rating (C0) | 3400 kN |
| (Grease) Lubrication Speed | 670 r/min |
| (Oil) Lubrication Speed | 900 r/min |
| Calculation factor (e) | 0,35 |
| Calculation factor (Y0) | 1,9 |
| Calculation factor (Y2) | 2,9 |
| Category | Spherical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |

23244CKE4 Bearing 2D drawings and 3D CAD models



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|---------------------------|---|
| Weight / Kilogram | 90 |
| 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 | AH2344 (Specify bore) |
| Inch - Metric | Metric |
| Long Description | 220MM Tapered Bore; 400MM Outside Diameter; 144MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part |
| Other Features | Order adapter or withdrawal sleeve or nut separately. Others may be available |
| Category | Spherical Roller Bearing |
| UNSPSC | 31171510 |
| Harmonized Tariff Code | 84823080 |
| Noun | Bearing |
| Keyword String | Spherical |
| Manufacturer URL | http://www.nskamericas.com |
| Manufacturer Item Number | 23244CKE4 |
| Weight / LBS | 90 |
| Outside Diameter | 15.748 Inch 400 Millimeter |
| Bore | 8.661 Inch 220 Millimeter |



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|------------------------|--|
| Width | 5.669 Inch 144 Millimeter |
| Adapter Part Number | SNW144 H2344 (Specify bore) Inch H2344 (Specify bore) Millimeter |
| bore diameter: | 220 mm |
| outer ring type: | Not Split |
| outside diameter: | 400 mm |
| internal clearance: | C0 |
| overall width: | 144 mm |
| lubrication hole type: | Oil Grooves And Holes In Outer Ring |
| bore type: | Tapered 1:12 |
| cage material: | Brass |
| Y3 | 1.9 |
| hidYobi | 23244CKE4 |
| LangID | 1 |
| Y1 | 1.9 |
| D_ | 400 |
| Y2 | 2.9 |
| Macha rpm | 0 |
| B_ | 144 |
| da min | 238 |
| hidTable | ecat_NSSPHR |
| Oil rpm | 900 |
| Y0 | 1.9 |
| mass | 80.4 |
| GRS rpm | 670 |
| ra | 3 |
| TSR rpm | 850 |
| C0 | 3400 |
| DE_ | 354.551 |
| X0 | 1 |
| Prod_Type3 | SRB_CTB_TB |
| | |



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| | |
|---------|-----------|
| X1 | 1 |
| X2 | 0.67 |
| SIR | 58 |
| e | 0.35 |
| DA_ | 43.5 |
| bomp | 23244CKE4 |
| Z_ | 19 |
| ALP2 | 5 |
| ALP1 | 13 |
| ALP3 | 0 |
| D_a max | 382 |
| D_a min | 337 |
| yobi | 23244CKE4 |
| ALPHA_ | 0.228 |
| SDM_ | 312.18 |
| r | 4 |
| KBRG | 2322 |
| SBRG | 32 |
| DI_ | 269.81 |