



Bearing Import and Export Co., Ltd.



23028CDKE4 NSK Spherical Roller Bearing

Bearing No. 23028CDKE4

| | |
|-------------------------------|---------------------------|
| Size | 140x210x53 mm |
| Bore Diameter | 140 mm |
| Outer Diameter | 210 mm |
| Width | 53 mm |
| d | 140 mm |
| D | 210 mm |
| B | 53 mm |
| C | 53 mm |
| r min. | 2 mm |
| da min. | 150 mm |
| da max | 157 mm |
| Da min | 190 mm |
| Da max. | 200 mm |
| ra max. | 2 mm |
| Weight | 6,49 Kg |
| Basic dynamic load rating (C) | 420 kN |
| Basic static load rating (C0) | 715 kN |
| (Grease) Lubrication Speed | 1600 r/min |
| (Oil) Lubrication Speed | 1900 r/min |
| Calculation factor (e) | 0,22 |
| Calculation factor (Y0) | 2,9 |
| Calculation factor (Y2) | 4,5 |
| Category | Spherical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |

23028CDKE4 Bearing 2D drawings and 3D CAD models



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| | |
|---------------------------|--|
| Weight / Kilogram | 6.3 |
| 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 | AHX3028 (Specify bore) |
| Inch - Metric | Metric |
| Long Description | 140MM Tapered Bore; 210MM Outside Diameter; 53MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N |
| 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 | 23028CDKE4 |
| Weight / LBS | 6.3 |
| Outside Diameter | 8.268 Inch 210 Millimeter |
| Bore | 5.512 Inch 140 Millimeter |



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| | |
|------------------------|--|
| Adapter Part Number | SNW3028 H3028 HA3028 HE3028 (Specify Bore) Inch H3028 (Specify bore) Millimeter |
| Width | 2.087 Inch 53 Millimeter |
| bore diameter: | 140 mm |
| outer ring type: | Not Split |
| outside diameter: | 210 mm |
| internal clearance: | C0 |
| overall width: | 53 mm |
| lubrication hole type: | Oil Grooves And Holes In Outer Ring |
| bore type: | Tapered 1:12 |
| cage material: | Steel |
| Y3 | 3 |
| hidYobi | 23028CDKE4 |
| LangID | 1 |
| Y1 | 2.9 |
| D_ | 210 |
| Y2 | 4.5 |
| Macha rpm | 0 |
| B_ | 53 |
| da min | 150 |
| hidTable | ecat_NSSPHR |
| Oil rpm | 1900 |
| Y0 | 2.9 |
| mass | 6.49 |
| GRS rpm | 1600 |
| ra | 2 |
| TSR rpm | 2800 |
| C0 | 715 |
| DE_ | 193.847 |
| X0 | 1 |
| | |



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| Prod_Type3 | SRB_CTB_TB |
|------------|------------|
| X1 | 1 |
| X2 | 0.67 |
| SIR | 20.5 |
| e | 0.22 |
| DA_ | 17.5 |
| bomp | 23028CDKE4 |
| Z_ | 27 |
| ALP2 | 30 |
| ALP1 | 8 |
| ALP3 | 0 |
| D_a max | 200 |
| D_a min | 190 |
| yobi | 23028CDKE4 |
| ALPHA_ | 0.148 |
| SDM_ | 176.539 |
| r | 2 |
| KBRG | 2321 |
| SBRG | 30 |
| DI_ | 159.232 |