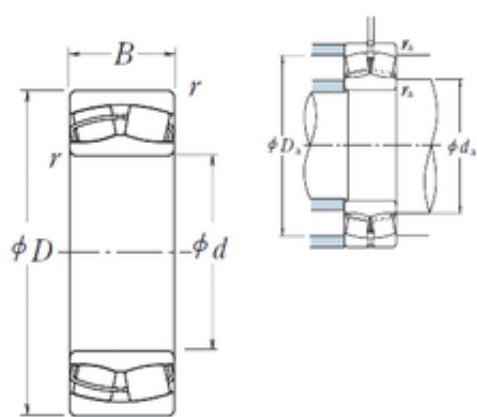




Bearing No. 23028CDE4

|      |           |
|------|-----------|
| e    | 0.22      |
| r    | 2         |
| d    | 140 mm    |
| D    | 210 mm    |
| B    | 53 mm     |
| C    | 53 mm     |
| Y3   | 3         |
| C0   | 715       |
| X2   | 0.67      |
| X1   | 1         |
| X0   | 1         |
| Y0   | 2.9       |
| ra   | 2         |
| Z_   | 27        |
| B_   | 53        |
| Y2   | 4.5       |
| D_   | 210       |
| Y1   | 3         |
| DE_  | 193.847   |
| SIR  | 20.5      |
| DA_  | 17.5      |
| DI_  | 159.232   |
| ALP3 | 0         |
| SDM_ | 176.539   |
| ALP1 | 8         |
| ALP2 | 30        |
| Noun | Bearing   |
| SBRG | 30        |
| bomp | 23028CDE4 |
| KBRG | 2321      |
|      |           |

|            |                                |
|------------|--------------------------------|
| yobi       | 23028CDE4                      |
| Bore       | 5.512 Inch   140<br>Millimeter |
| mass       | 6.49                           |
| Width      | 2.087 Inch   53<br>Millimeter  |
| Da min     | 190 mm                         |
| UNSPSC     | 31171510                       |
| da max     | 157 mm                         |
| Weight     | 6,49 Kg                        |
| ALPHA_     | 0.148                          |
| da min     | 150                            |
| r min.     | 2 mm                           |
| LangID     | 1                              |
| da min.    | 150 mm                         |
| GRS rpm    | 1600                           |
| hidYobi    | 23028CDE4                      |
| Oil rpm    | 1900                           |
| TSR rpm    | 2800                           |
| Da max.    | 200 mm                         |
| ra max.    | 2 mm                           |
| D_a max    | 200                            |
| series:    | 230                            |
| D_a min    | 190                            |
| hidTable   | ecat_NSSPHR                    |
| Category   | Spherical Roller Bearing       |
| Enclosure  | Open                           |
| Inventory  | 0.0                            |
| Size (mm)  | 140x210x53                     |
| Macha rpm  | 0                              |
| Width (mm) | 53                             |
| Prod_Type3 | SRB_CTB_CB                     |
| bore type: | Straight                       |

|                   |                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cage type:        | Inner Ring Guided                                                                                                                                                                          |
| Weight / LBS      | 6.5                                                                                                                                                                                        |
| Bore Profile      | Straight                                                                                                                                                                                   |
| maximum rpm:      | 1900 RPM                                                                                                                                                                                   |
| closure type:     | Open                                                                                                                                                                                       |
| Product Group     | B04311                                                                                                                                                                                     |
| Inch - Metric     | Metric                                                                                                                                                                                     |
| Cage Material     | Steel                                                                                                                                                                                      |
| Bearing number    | 23028CDE4                                                                                                                                                                                  |
| overall width:    | 53 mm                                                                                                                                                                                      |
| bore diameter:    | 140 mm                                                                                                                                                                                     |
| Relubricatable    | Yes                                                                                                                                                                                        |
| fillet radius:    | 2 mm                                                                                                                                                                                       |
| Keyword String    | Spherical                                                                                                                                                                                  |
| cage material:    | Steel                                                                                                                                                                                      |
| Mounting Method   | Shaft Mount                                                                                                                                                                                |
| Rolling Element   | Spherical Roller Bearing                                                                                                                                                                   |
| finish/coating:   | Uncoated                                                                                                                                                                                   |
| Manufacturer URL  | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>                                                                                                                        |
| Outside Diameter  | 8.268 Inch   210 Millimeter                                                                                                                                                                |
| Long Description  | 140MM Straight Bore;<br>210MM Outside Diameter; 53MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable |
| outer ring type:  | Not Split                                                                                                                                                                                  |
| outside diameter: | 210 mm                                                                                                                                                                                     |
| Withdrawal Sleeve | Not Applicable                                                                                                                                                                             |
| bearing material: | Steel                                                                                                                                                                                      |

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Manufacturer Name             | NSK                                             |
| Weight / Kilogram             | 6.5                                             |
| outer ring width:             | 53 mm                                           |
| precision rating:             | RBEC 1 (ISO Class Normal)                       |
| Bore Diameter (mm)            | 140                                             |
| Internal Clearance            | C0-Medium                                       |
| Adapter Part Number           | Not Applicable Inch   Not Applicable Millimeter |
| Outer Diameter (mm)           | 210                                             |
| internal clearance:           | C0                                              |
| Minimum Buy Quantity          | N/A                                             |
| static load capacity:         | 715000 N                                        |
| Calculation factor (e)        | 0,22                                            |
| lubrication hole type:        | Lubrication Groove & Hole                       |
| dynamic load capacity:        | 420000 N                                        |
| Harmonized Tariff Code        | 84823080                                        |
| Calculation factor (Y2)       | 4,5                                             |
| (Oil) Lubrication Speed       | 1900 r/min                                      |
| Calculation factor (Y0)       | 2,9                                             |
| Manufacturer Item Number      | 23028CDE4                                       |
| Number of Rows of Rollers     | Double Row                                      |
| (Grease) Lubrication Speed    | 1600 r/min                                      |
| operating temperature range:  | Maximum of +200 °C                              |
| Basic static load rating (C0) | 715 kN                                          |
| Basic dynamic load rating (C) | 420 kN                                          |