



### Bearing No. 23122CKE4

|      |           |
|------|-----------|
| e    | 0.28      |
| r    | 2         |
| d    | 110 mm    |
| D    | 180 mm    |
| B    | 56 mm     |
| C    | 56 mm     |
| X2   | 0.67      |
| ra   | 2         |
| X0   | 1         |
| C0   | 630       |
| Z_   | 24        |
| Y2   | 3.5       |
| Y0   | 2.3       |
| B_   | 56        |
| X1   | 1         |
| D_   | 180       |
| Y1   | 2.3       |
| Y3   | 2.4       |
| DE_  | 163.087   |
| DI_  | 130.666   |
| DA_  | 16.5      |
| SIR  | 21.5      |
| Noun | Bearing   |
| bomp | 23122CKE4 |
| ALP2 | 45        |
| mass | 5.7       |
| ALP1 | 10        |
| ALP3 | 0         |
| yobi | 23122CKE4 |
| SDM_ | 146.876   |
|      |           |

|              |                                |
|--------------|--------------------------------|
| KBRG         | 2322                           |
| SBRG         | 31                             |
| Bore         | 4.331 Inch   110<br>Millimeter |
| Width        | 2.205 Inch   56<br>Millimeter  |
| LangID       | 1                              |
| Weight       | 5,7 Kg                         |
| r min.       | 2 mm                           |
| ALPHA_       | 0.188                          |
| da min       | 120                            |
| UNSPSC       | 31171510                       |
| da max       | 127 mm                         |
| Da min       | 158 mm                         |
| Oil rpm      | 2000                           |
| GRS rpm      | 1600                           |
| TSR rpm      | 3200                           |
| Da max.      | 170 mm                         |
| ra max.      | 2 mm                           |
| hidYobi      | 23122CKE4                      |
| D_a max      | 170                            |
| D_a min      | 158                            |
| da min.      | 120 mm                         |
| Category     | Spherical Roller Bearing       |
| hidTable     | ecat_NSSPHR                    |
| Inventory    | 0.0                            |
| Enclosure    | Open                           |
| Macha rpm    | 0                              |
| Size (mm)    | 110x180x56                     |
| bore type:   | Tapered 1:12                   |
| Width (mm)   | 56                             |
| Prod_Type3   | SRB_CTB_TB                     |
| Bore Profile | Tapered                        |

|                    |  |
|--------------------|--|
| Weight / LBS       | 5.8  |
| Inch - Metric      | Metric   |
| Cage Material      | Steel  |
| Product Group      | B04311   |
| overall width:     | 56 mm  |
| Relubricatable     | Yes  |
| Other Features     | Order adapter or withdrawal sleeve or nut separately. Others may be available  |
| Keyword String     | Spherical  |
| Bearing number     | 23122CKE4  |
| bore diameter:     | 110 mm   |
| cage material:     | Steel  |
| Mounting Method    | Adapter Mount  |
| Rolling Element    | Spherical Roller Bearing   |
| Manufacturer URL   | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>  |
| outer ring type:   | Not Split  |
| Outside Diameter   | 7.087 Inch   180 Millimeter  |
| Long Description   | 110MM Tapered Bore; 180MM Outside Diameter; 56MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N |
| outside diameter:  | 180 mm   |
| Manufacturer Name  | NSK  |
| Weight / Kilogram  | 5.5  |
| Withdrawal Sleeve  | AHX3122 (Specify bore)   |
| Bore Diameter (mm) | 110  |

|                               |   |
|-------------------------------|---|
| Internal Clearance            | C0-Medium   |
| Adapter Part Number           | SNW3122 H3122<br>HA3122 HE3122<br>(Specify Bore) Inch  <br>H3122 (Specify bore)<br>Millimeter |
| internal clearance:           | C0  |
| Outer Diameter (mm)           | 180   |
| Minimum Buy Quantity          | N/A   |
| lubrication hole type:        | Oil Grooves And Holes<br>In Outer Ring  |
| Harmonized Tariff Code        | 84823080  |
| Calculation factor (e)        | 0,28  |
| Calculation factor (Y2)       | 3,5   |
| (Oil) Lubrication Speed       | 2000 r/min  |
| Calculation factor (Y0)       | 2,3   |
| Manufacturer Item Number      | 23122CKE4   |
| Number of Rows of Rollers     | Double Row  |
| (Grease) Lubrication Speed    | 1600 r/min  |
| Basic static load rating (C0) | 630 kN  |
| Basic dynamic load rating (C) | 385 kN  |