# 22219EAKE4 NSK 95x170x43mm Manufacturer Item Number 22219EAKE4 Spherical roller bearings

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|---|---|
| Bearing number | 22219EAKE4 |
| Size (mm) | 95x170x43 |
| Brand | NSK |
| Bore Diameter (mm) | 95 |
| Outer Diameter (mm) | 170 |
| Width (mm) | 43 |
| d | 95 mm |
| D | 170 mm |
| B | 43 mm |
| C | 43 mm |
| r min. | 2.1 mm |
| da min. | 107 mm |
| da max | 115 mm |
| Da min | 152 mm |
| Da max. | 158 mm |
| ra max. | 2 mm |
| Weight | 4.04 Kg |
| Basic dynamic load rating (C) | 330 kN |
| Basic static load rating (C0) | 450 kN |
| (Grease) Lubrication Speed | 2600 r/min |
| (Oil) Lubrication Speed | 3400 r/min |
| Calculation factor (e) | 0.24 |
| Calculation factor (Y0) | 2.8 |
| Calculation factor (Y2) | 4.3 |
| Category | Spherical Roller Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 4.15 |
| EAN | 0029176411441 |
| Product Group – BDI | 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 | AHX319 (Specify bore) |
| Inch – Metric | Metric |
| Long Description | 95MM Tapered Bore; 170MM Outside Diameter; 43MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number – H319 (Specify bore) |
| Other Features | Order adapter or withdrawal sleeve or nut separately. Others may be available |
| Category – BDI | Spherical Roller Bearing |
| UNSPSC | 31171510 |
| Harmonized Tariff Code | 8482308O |
| Noun | Bearing |
| Keyword String | Spherical |
| Manufacturer URL | http://www.nskamericas.com |
| Manufacturer Item Number | 22219EAKE4 |
| Weight / LBS | 0 |
| Width | 1.693 Inch \| 43 Millimeter |
| Adapter Part Number | SNW19 H319 HA319 HE319 (Specify bore) Inch \| H319 (Specify bore) Millimeter |
| Bore | 3.74 Inch \| 95 Millimeter |
| Outside Diameter | 6.693 Inch \| 170 Millimeter |
| bore diameter: | 95 mm |
| outer ring type: | Not Split |
| outside diameter: | 170 mm |
| internal clearance: | C0 |
| overall width: | 43 mm |
| lubrication hole type: | Oil Grooves And Holes In Outer Ring |
| bore type: | Tapered 1:12 |
| cage material: | Steel |
| Y3 | 2.9 |
| hidYbbi | 22219EAKE4 |
| LangID | 1 |
| Y1 | 2.8 |
| D_ | 170 |
| Y2 | 4.3 |
| Macha rpm | 4500 |
| B_ | 43 |
| CAD | https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=j&info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_asmtab.prj&varset={STAN=HPS}.{ORDER=22219EAKE4}.{SD=95}.{D=170}.{B=43.0}.{R=2.1}.{CR1=415000}.{COR1=450000}.{LT=3800}.{LM=4500}.{LG=3000}.{LO=3800}.{DA1=107}.{DA2=115}.{DA3=158}.{DA4=152}.{RA=2.0}.{E=0.24}.{Y2=4.3}.{Y3=2.9}.{Y0=2.8}.{MASS=4.04} |
| da min | 107 |
| hidTable | wcat_NSSPMR |
| Oil rpm | 3800 |
| Y0 | 2.8 |
| mass | 4.04 |
| GRS rpm | 3000 |
| ra | 2 |
| TSR rpm | 3800 |
| C0 | 450 |
| DE_ | 155.103 |
| X0 | 1 |
| Prod_Type3 | SRB_CTB_TB |
| X1 | 1 |
| X2 | 0.67 |
| SIR | 17.22 |
| e | 0.24 |
| DA_ | 19.3 |
| bomp | 22219EAKE4 |
| I_ | 20 |
| ALP2 | 55 |
| ALP1 | 8 |
| ALP3 | 0 |
| D_a max | 158 |
| D_a min | 152 |
| ybbi | 22219EAKE4 |
| HPS | HPS |
| ALPHA_ | 0.156 |
| SDM_ | 136.036 |
| r | 2.1 |
| KBRG | 2328 |
| SBRG | 22 |
| DI_ | 116.969 |
| calcUrl | /BearingGuide/html/calculation.jsp |