

# NKE NUP2312-E-MA6 cylindrical roller bearings

are a few brands you will find in our inventory. Find 47x30x9 Size (mm) NKE NUP2312-E-MA6 cylindrical roller bearings to see what's in stock!

|                               |          |
|-------------------------------|----------|
| Size (mm)                     | 47x30x9  |
| Bore Diameter (mm)            | 47       |
| Outer Diameter (mm)           | 30       |
| Width (mm)                    | 9        |
| d                             | 30 mm    |
| D                             | 47 mm    |
| B                             | 9 mm     |
| d1                            | 35.95 mm |
| d2                            | 35.1 mm  |
| D2                            | 43 mm    |
| r1,2 – min.                   | 0.3 mm   |
| r3,4 – min.                   | 0.15 mm  |
| a                             | 16.5 mm  |
| da – min.                     | 32 mm    |
| da – max.                     | 35.4 mm  |
| db – min.                     | 32 mm    |
| db – max.                     | 34.5 mm  |
| Da – max.                     | 45 mm    |
| Db – max.                     | 46.2 mm  |
| ra – max.                     | 0.3 mm   |
| rb – max.                     | 0.15 mm  |
| Basic dynamic load rating – C | 4.6 kN   |

|                                       |              |
|---------------------------------------|--------------|
| Basic static load rating – C0         | 3 kN         |
| Fatigue load limit – Pu               | 0.127 kN     |
| Limiting speed for grease lubrication | 43000 r/min  |
| Ball – Dw                             | 3.969 mm     |
| Ball – z                              | 22           |
| Calculation factor – e                | 0.68         |
| Calculation factor – Y2               | 1.41         |
| Calculation factor – Y0               | 0.76         |
| Calculation factor – X2               | 0.67         |
| Calculation factor – Y1               | 0.92         |
| Preload class A – GA                  | 27 N         |
| Preload class B – GB                  | 54 N         |
| Preload class C – GC                  | 160 N        |
| Calculation factor – f                | 1.07         |
| Calculation factor – f1               | 0.99         |
| Calculation factor – f2A              | 1            |
| Calculation factor – f2B              | 1.02         |
| Calculation factor – f2C              | 1.08         |
| Calculation factor – fHC              | 1.01         |
| Preload class A                       | 58 N/micron  |
| Preload class B                       | 75 N/micron  |
| Preload class C                       | 114 N/micron |
| r1,2 min.                             | 0.3 mm       |
| r3,4 min.                             | 0.15 mm      |
| da min.                               | 32 mm        |
| da max.                               | 35.4 mm      |
| db min.                               | 32 mm        |
| db max.                               | 34.5 mm      |
| Da max.                               | 45 mm        |

|                                                    |             |
|----------------------------------------------------|-------------|
| Db max.                                            | 46.2 mm     |
| ra max.                                            | 0.3 mm      |
| rb max.                                            | 0.15 mm     |
| Basic dynamic load rating C                        | 6.05 kN     |
| Basic static load rating C0                        | 4.9 kN      |
| Fatigue load limit Pu                              | 0.127 kN    |
| Attainable speed for grease lubrication            | 43000 r/min |
| Ball diameter Dw                                   | 3.969 mm    |
| Number of balls z                                  | 22          |
| Preload class A GA                                 | 27 N        |
| Static axial stiffness, preload class A            | 58 N/μm     |
| Preload class B GB                                 | 54 N        |
| Static axial stiffness, preload class B            | 75 N/μm     |
| Preload class C GC                                 | 160 N       |
| Static axial stiffness, preload class C            | 114 N/μm    |
| Calculation factor f                               | 1.07        |
| Calculation factor f1                              | 0.99        |
| Calculation factor f2A                             | 1           |
| Calculation factor f2B                             | 1.02        |
| Calculation factor f2C                             | 1.08        |
| Calculation factor fHC                             | 1.01        |
| Calculation factor e                               | 0.68        |
| Calculation factor (single, tandem) Y2             | 0.87        |
| Calculation factor (single, tandem) Y0             | 0.38        |
| Calculation factor (single, tandem) X2             | 0.41        |
| Calculation factor (back-to-back, face-to-face) Y1 | 0.92        |
| Calculation factor (back-to-back, face-to-face) Y2 | 1.41        |

|                                                       |          |
|-------------------------------------------------------|----------|
| Calculation factor (back-to-back, face-to-face)<br>Y0 | 0.76     |
| Calculation factor (back-to-back, face-to-face)<br>X2 | 0.67     |
| Mass bearing                                          | 0.047 kg |