

NBS RNA 4914 needle roller bearings

NBS RNA 4914 needle roller bearings 240 Bore Diameter (mm) SEARCH – Whether it's agriculture or 240x160x38 Size (mm) construction equipment your working on, Has the 160 Outer Diameter (mm) you need.

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| Size (mm) | 240x160x38 |
| Bore Diameter (mm) | 240 |
| Outer Diameter (mm) | 160 |
| Width (mm) | 38 |
| d | 160 mm |
| D | 240 mm |
| B | 38 mm |
| d1 | 184.7 mm |
| d2 | 184.7 mm |
| D1 | 215.3 mm |
| r1,2 – min. | 2.1 mm |
| r3,4 – min. | 1 mm |
| a | 45.9 mm |
| da – min. | 171 mm |
| db – min. | 171 mm |
| Da – max. | 229 mm |
| Db – max. | 235 mm |
| ra – max. | 2 mm |
| rb – max. | 1 mm |
| dn | 191.4 mm |
| Basic dynamic load rating – C | 195 kN |

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|---------------------------------------|--------------------|
| Basic static load rating – C0 | 216 kN |
| Fatigue load limit – Pu | 6.6 kN |
| Limiting speed for grease lubrication | 5600 r/min |
| Limiting speed for oil lubrication | 8500 mm/min |
| Ball – Dw | 25.4 mm |
| Ball – z | 22 |
| Gref | 66 cm ³ |
| Calculation factor – f0 | 15.8 |
| Preload class A – GA | 730 N |
| Preload class B – GB | 1460 N |
| Preload class C – GC | 2920 N |
| Preload class D – GD | 5840 N |
| Calculation factor – f | 1 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.02 |
| Calculation factor – f2C | 1.05 |
| Calculation factor – f2D | 1.09 |
| Calculation factor – fHC | 1 |
| Preload class A | 171 N/micron |
| Preload class B | 233 N/micron |
| Preload class C | 327 N/micron |
| Preload class D | 472 N/micron |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 5.755 |
| EAN | 7316570644340 |
| Product Group | B04270 |

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|--------------------------|------------------------------------------------------------------------------------------------------|
| Enclosure | Open |
| Precision Class | ABEC 7 ISO P4 |
| Material – Ball | Steel |
| Number of Bearings | 1 (Single) |
| Contact Angle | 15 Degree |
| Preload | None |
| Raceway Style | 1 Rib Outer Ring |
| Cage Material | Phenolic |
| Rolling Element | Ball Bearing |
| Flush Ground | No |
| Inch – Metric | Metric |
| Other Features | Single Row Angular Contact High Precision |
| Long Description | 160MM Bore; 240MM Outside Diameter; 38MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Bal |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact Ball |
| Manufacturer Item Number | 7032 CD/P4A |
| Weight / LBS | 12.677 |
| Width | 1.496 Inch 38 Millimeter |
| Bore | 6.299 Inch 160 Millimeter |
| Outside Diameter | 9.449 Inch 240 Millimeter |
| r1,2 min. | 2.1 mm |

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|--------------------------------------------|--------------------|
| r _{3,4} min. | 1 mm |
| d _a min. | 171 mm |
| d _b min. | 171 mm |
| D _a max. | 229 mm |
| D _b max. | 235 mm |
| r _a max. | 2 mm |
| r _b max. | 1 mm |
| Basic dynamic load rating C | 195 kN |
| Basic static load rating C ₀ | 216 kN |
| Fatigue load limit P _u | 6.55 kN |
| Attainable speed for grease lubrication | 5600 r/min |
| Attainable speed for oil-air lubrication | 8500 r/min |
| Ball diameter D _w | 25.4 mm |
| Number of balls z | 22 |
| Reference grease quantity G _{ref} | 66 cm ³ |
| Preload class A G _A | 730 N |
| Static axial stiffness, preload class A | 171 N/μm |
| Preload class B G _B | 1460 N |
| Static axial stiffness, preload class B | 233 N/μm |
| Preload class C G _C | 2920 N |
| Static axial stiffness, preload class C | 327 N/μm |
| Preload class D G _D | 5840 N |
| Static axial stiffness, preload class D | 472 N/μm |
| Calculation factor f | 1.16 |

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|------------------------|---------|
| Calculation factor f1 | 1 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.02 |
| Calculation factor f2C | 1.05 |
| Calculation factor f2D | 1.09 |
| Calculation factor fHC | 1 |
| Calculation factor f0 | 15.8 |
| Mass bearing | 5.15 kg |