

NTN PK47.2X66.2X26.8 needle roller bearings

NTN PK47.2X66.2X26.8 needle roller bearings Manufacturers 80x55x13 Size (mm) , Online Wholesale Suppliers 80 Bore Diameter (mm) 55 Outer Diameter (mm) !

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| Size (mm) | 80x55x13 |
| Bore Diameter (mm) | 80 |
| Outer Diameter (mm) | 55 |
| Width (mm) | 13 |
| d | 55 mm |
| D | 80 mm |
| B | 13 mm |
| d1 | 62.7 mm |
| d2 | 62.7 mm |
| D1 | 72.3 mm |
| b | 2.2 mm |
| C1 | 6.5 mm |
| C2 | 3.2 mm |
| C3 | 2 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 22.4 mm |
| da – min. | 59.6 mm |
| db – min. | 59.6 mm |
| Da – max. | 75.4 mm |
| Db – max. | 78 mm |
| ra – max. | 1 mm |

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| rb – max. | 0.3 mm |
| dn | 64.7 mm |
| Basic dynamic load rating – C | 18.2 kN |
| Basic static load rating – C0 | 13.7 kN |
| Fatigue load limit – Pu | 0.585 kN |
| Limiting speed for grease lubrication | 15000 r/min |
| Limiting speed for oil lubrication | 24000 mm/min |
| Ball – Dw | 7.938 mm |
| Ball – z | 23 |
| Gref | 2.49 cm ³ |
| 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 | 120 N |
| Preload class B – GB | 240 N |
| Preload class C – GC | 480 N |
| Preload class D – GD | 960 N |
| Calculation factor – f | 1.15 |
| Calculation factor – f1 | 0.98 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.04 |
| Calculation factor – f2C | 1.08 |
| Calculation factor – f2D | 1.14 |
| Calculation factor – fHC | 1 |
| Preload class A | 124 N/micron |
| Preload class B | 161 N/micron |
| Preload class C | 211 N/micron |

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| Preload class D | 282 N/micron |
| r _{1,2} min. | 1 mm |
| r _{3,4} min. | 0.3 mm |
| d _a min. | 59.6 mm |
| d _b min. | 59.6 mm |
| D _a max. | 75.4 mm |
| D _b max. | 78 mm |
| r _a max. | 1 mm |
| r _b max. | 0.3 mm |
| Basic dynamic load rating C | 18.2 kN |
| Basic static load rating C ₀ | 13.7 kN |
| Fatigue load limit P _u | 0.585 kN |
| Attainable speed for grease lubrication | 15000 r/min |
| Attainable speed for oil-air lubrication | 24000 r/min |
| Ball diameter D _w | 7.938 mm |
| Number of balls z | 23 |
| Reference grease quantity G _{ref} | 2.49 cm ³ |
| Preload class A G _A | 120 N |
| Static axial stiffness, preload class A | 124 N/μm |
| Preload class B G _B | 240 N |
| Static axial stiffness, preload class B | 161 N/μm |
| Preload class C G _C | 480 N |
| Static axial stiffness, preload class C | 211 N/μm |
| Preload class D G _D | 960 N |
| Static axial stiffness, preload class D | 282 N/μm |
| Calculation factor f | 1.15 |
| Calculation factor f ₁ | 0.98 |
| Calculation factor f _{2A} | 1 |
| Calculation factor f _{2B} | 1.04 |

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| Calculation factor f2C | 1.08 |
| Calculation factor f2D | 1.14 |
| Calculation factor fHC | 1 |
| 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) Y0 | 0.76 |
| Calculation factor (back-to-back, face-to-face) X2 | 0.67 |
| Mass bearing | 0.18 kg |