

CYSD NU321 cylindrical roller bearings

LET OUR CYSD NU321 cylindrical roller bearings EXPERTS GET YOU THE 90x65x13 Size (mm) PARTS YOU NEED.

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| Size (mm) | 90x65x13 |
| Bore Diameter (mm) | 90 |
| Outer Diameter (mm) | 65 |
| Width (mm) | 13 |
| d | 65 mm |
| D | 90 mm |
| B | 13 mm |
| d1 | 72.75 mm |
| d2 | 70.7 mm |
| D1 | 82.32 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 17.5 mm |
| da – min. | 69.6 mm |
| db – min. | 67 mm |
| Da – max. | 85.4 mm |
| Db – max. | 88 mm |
| ra – max. | 1 mm |
| rb – max. | 0.3 mm |
| dn | 74.5 mm |
| Basic dynamic load rating – C | 16.5 kN |
| Basic static load rating – C0 | 12.5 kN |
| Fatigue load limit – Pu | 0.53 kN |

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| Limiting speed for grease lubrication | 24000 r/min |
| Limiting speed for oil lubrication | 38000 mm/min |
| Ball – Dw | 7.938 mm |
| Ball – z | 24 |
| Gref | 2.6 cm ³ |
| Calculation factor – f ₀ | 8.5 |
| Preload class A – GA | 89 N |
| Preload class B – GB | 266 N |
| Preload class C – GC | 532 N |
| Calculation factor – f | 1 |
| Calculation factor – f _{2A} | 1 |
| Calculation factor – f _{2B} | 1.05 |
| Calculation factor – f _{2C} | 1.09 |
| Calculation factor – f _{HC} | 1.01 |
| Preload class A | 53 N/micron |
| Preload class B | 84 N/micron |
| Preload class C | 116 N/micron |
| r _{1,2} min. | 1 mm |
| r _{3,4} min. | 0.3 mm |
| d _a min. | 69.6 mm |
| d _b min. | 67 mm |
| D _a max. | 85.4 mm |
| D _b max. | 88 mm |
| r _a max. | 1 mm |
| r _b max. | 0.3 mm |
| Basic dynamic load rating C | 16.5 kN |
| Basic static load rating C ₀ | 12.5 kN |
| Fatigue load limit P _u | 0.53 kN |
| Attainable speed for grease lubrication | 24000 r/min |

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| Attainable speed for oil-air lubrication | 38000 r/min |
| Ball diameter D_w | 7.938 mm |
| Number of balls z | 24 |
| Reference grease quantity G_{ref} | 2.6 cm ³ |
| Preload class A G_A | 89 N |
| Static axial stiffness, preload class A | 53 N/ μ m |
| Preload class B G_B | 266 N |
| Static axial stiffness, preload class B | 84 N/ μ m |
| Preload class C G_C | 532 N |
| Static axial stiffness, preload class C | 116 N/ μ m |
| Calculation factor f | 1.19 |
| Calculation factor f_1 | 1 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.05 |
| Calculation factor f_{2C} | 1.09 |
| Calculation factor f_{HC} | 1.01 |
| Calculation factor f_0 | 8.5 |
| Mass bearing | 0.17 kg |