

ISB QJ 248 N2 angular contact ball bearings

LET OUR ISB QJ 248 N2 angular contact ball bearings EXPERTS GET 125x100x13 Size (mm) YOU THE PARTS YOU NEED.

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| Size (mm) | 125x100x13 |
| Bore Diameter (mm) | 125 |
| Outer Diameter (mm) | 100 |
| Width (mm) | 13 |
| d | 100 mm |
| D | 125 mm |
| B | 13 mm |
| d1 | 108.2 mm |
| d2 | 108.2 mm |
| D1 | 117 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 32.8 mm |
| da – min. | 104.6 mm |
| db – min. | 104.6 mm |
| Da – max. | 120.4 mm |
| Db – max. | 123 mm |
| ra – max. | 1 mm |
| rb – max. | 0.3 mm |
| dn | 109.1 mm |
| Basic dynamic load rating – C | 21.2 kN |
| Basic static load rating – C0 | 27.5 kN |
| Fatigue load limit – Pu | 1.1 kN |

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| Limiting speed for grease lubrication | 8500 r/min |
| Limiting speed for oil lubrication | 13000 mm/min |
| Ball – Dw | 7.144 mm |
| Ball – z | 34 |
| Gref | 3.2 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 | 190 N |
| Preload class B – GB | 570 N |
| Preload class C – GC | 1140 N |
| Calculation factor – f | 1.4 |
| Calculation factor – f1 | 0.97 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.08 |
| Calculation factor – f2C | 1.15 |
| Calculation factor – fHC | 1 |
| Preload class A | 211 N/micron |
| Preload class B | 335 N/micron |
| Preload class C | 462 N/micron |
| r _{1,2} min. | 1 mm |
| r _{3,4} min. | 0.3 mm |
| d _a min. | 104.6 mm |
| d _b min. | 104.6 mm |
| D _a max. | 120.4 mm |
| D _b max. | 123 mm |
| r _a max. | 1 mm |

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| rb max. | 0.3 mm |
| Basic dynamic load rating C | 21.2 kN |
| Basic static load rating C0 | 27.5 kN |
| Fatigue load limit Pu | 1.1 kN |
| Attainable speed for grease lubrication | 8500 r/min |
| Attainable speed for oil-air lubrication | 13000 r/min |
| Ball diameter Dw | 7.144 mm |
| Number of balls z | 34 |
| Reference grease quantity Gref | 3.2 cm ³ |
| Preload class A GA | 190 N |
| Static axial stiffness, preload class A | 211 N/μm |
| Preload class B GB | 570 N |
| Static axial stiffness, preload class B | 335 N/μm |
| Preload class C GC | 1140 N |
| Static axial stiffness, preload class C | 462 N/μm |
| Calculation factor f | 1.4 |
| Calculation factor f1 | 0.97 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.08 |
| Calculation factor f2C | 1.15 |
| 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 |

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| Calculation factor (back-to-back, face-to-face) Y0 | 0.76 |
| Calculation factor (back-to-back, face-to-face) X2 | 0.67 |
| Mass bearing | 0.31 kg |