

ZEN NCF5008-2LSV cylindrical roller bearings

We work closely with our ZEN NCF5008-2LSV cylindrical roller bearings 58x45x7 Size (mm) manufacturing partners to bring the 58 Bore Diameter (mm) best value to customers.

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| Size (mm) | 58x45x7 |
| Bore Diameter (mm) | 58 |
| Outer Diameter (mm) | 45 |
| Width (mm) | 7 |
| d | 45 mm |
| D | 58 mm |
| B | 7 mm |
| d1 | 49.6 mm |
| d2 | 49.6 mm |
| D1 | 53.6 mm |
| r1,2 – min. | 0.3 mm |
| r3,4 – min. | 0.15 mm |
| a | 15.5 mm |
| da – min. | 47 mm |
| db – min. | 47 mm |
| Da – max. | 56 mm |
| Db – max. | 57.2 mm |
| ra – max. | 0.3 mm |
| rb – max. | 0.15 mm |
| dn | 50 mm |
| Basic dynamic load rating – C | 4.6 kN |
| Basic static load rating – C0 | 5 kN |

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| Fatigue load limit – Pu | 0.212 kN |
| Limiting speed for grease lubrication | 20000 r/min |
| Limiting speed for oil lubrication | 30000 mm/min |
| Ball – Dw | 3.175 mm |
| Ball – z | 31 |
| Gref | 0.36 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 | 41 N |
| Preload class B – GB | 125 N |
| Preload class C – GC | 250 N |
| Calculation factor – f | 1.24 |
| 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 | 87 N/micron |
| Preload class B | 139 N/micron |
| Preload class C | 189 N/micron |
| r1,2 min. | 0.3 mm |
| r3,4 min. | 0.15 mm |
| da min. | 47 mm |
| db min. | 47 mm |
| Da max. | 56 mm |
| Db max. | 57.2 mm |

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| ra max. | 0.3 mm |
| rb max. | 0.15 mm |
| Basic dynamic load rating C | 4.62 kN |
| Basic static load rating C0 | 5 kN |
| Fatigue load limit Pu | 0.212 kN |
| Attainable speed for grease lubrication | 20000 r/min |
| Attainable speed for oil-air lubrication | 30000 r/min |
| Ball diameter Dw | 3.175 mm |
| Number of balls z | 31 |
| Reference grease quantity Gref | 0.36 cm ³ |
| Preload class A GA | 41 N |
| Static axial stiffness, preload class A | 87 N/μm |
| Preload class B GB | 125 N |
| Static axial stiffness, preload class B | 139 N/μm |
| Preload class C GC | 250 N |
| Static axial stiffness, preload class C | 189 N/μm |
| Calculation factor f | 1.24 |
| 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 |

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| 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 | 0.039 kg |