

KOYO 60/28Z deep groove ball bearings

85 Bore Diameter (mm) are a 60 Outer Diameter (mm) few brands you will find in 85x60x13 Size (mm) our inventory. Find KOYO 60/28Z deep groove ball bearings to see what's in stock!

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| Size (mm) | 85x60x13 |
| Bore Diameter (mm) | 85 |
| Outer Diameter (mm) | 60 |
| Width (mm) | 13 |
| d | 60 mm |
| D | 85 mm |
| B | 13 mm |
| d1 | 68.94 mm |
| d2 | 67.73 mm |
| D2 | 78.36 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 27.2 mm |
| da – min. | 64.6 mm |
| db – min. | 64.6 mm |
| Da – max. | 80.4 mm |
| Db – max. | 83 mm |
| ra – max. | 1 mm |
| rb – max. | 0.3 mm |
| dn | 69.8 mm |
| Basic dynamic load rating – C | 9.8 kN |
| Basic static load rating – C0 | 8.3 kN |

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| Fatigue load limit – Pu | 0.355 kN |
| Limiting speed for grease lubrication | 19000 r/min |
| Limiting speed for oil lubrication | 30000 mm/min |
| Ball – Dw | 5.556 mm |
| Ball – z | 30 |
| Gref | 2.77 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 | 57 N |
| Preload class B – GB | 115 N |
| Preload class C – GC | 340 N |
| Calculation factor – f | 1.11 |
| Calculation factor – f1 | 0.99 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.02 |
| Calculation factor – f2C | 1.07 |
| Calculation factor – fHC | 1 |
| Preload class A | 94 N/micron |
| Preload class B | 122 N/micron |
| Preload class C | 182 N/micron |
| r1,2 min. | 1 mm |
| r3,4 min. | 0.3 mm |
| da min. | 64.6 mm |
| db min. | 64.6 mm |
| Da max. | 80.4 mm |
| Db max. | 83 mm |

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|----------------------------------------------------|----------------------|
| ra max. | 1 mm |
| rb max. | 0.3 mm |
| Basic dynamic load rating C | 13.3 kN |
| Basic static load rating C0 | 13.4 kN |
| Fatigue load limit Pu | 0.355 kN |
| Attainable speed for grease lubrication | 19000 r/min |
| Attainable speed for oil-air lubrication | 30000 r/min |
| Ball diameter Dw | 5.556 mm |
| Number of balls z | 30 |
| Reference grease quantity Gref | 2.77 cm ³ |
| Preload class A GA | 57 N |
| Static axial stiffness, preload class A | 94 N/μm |
| Preload class B GB | 115 N |
| Static axial stiffness, preload class B | 122 N/μm |
| Preload class C GC | 340 N |
| Static axial stiffness, preload class C | 182 N/μm |
| Calculation factor f | 1.11 |
| Calculation factor f1 | 0.99 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.02 |
| Calculation factor f2C | 1.07 |
| 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 | 0.2 kg |