

FAG 230/500-B-K-MB + H30/500-HG spherical roller bearings

Online 68x40x15 Size (mm) FAG 230/500-B-K-MB + H30/500-HG spherical roller bearings Expert.More 40 Outer Diameter (mm) Choices. FAG 230/500-B-K-MB + H30/500-HG spherical roller bearings in Stock & Ready 68 Bore Diameter (mm) to Ship Now!

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| Size (mm) | 68x40x15 |
| Bore Diameter (mm) | 68 |
| Outer Diameter (mm) | 40 |
| Width (mm) | 15 |
| d | 40 mm |
| D | 68 mm |
| B | 15 mm |
| d1 | 49.2 mm |
| d2 | 49.2 mm |
| D1 | 58.8 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 20.2 mm |
| da – min. | 44.6 mm |
| db – min. | 44.6 mm |
| Da – max. | 63.4 mm |
| Db – max. | 66 mm |
| ra – max. | 1 mm |
| rb – max. | 0.3 mm |
| dn | 50.8 mm |
| Basic dynamic load rating – C | 15.9 kN |

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|---------------------------------------|---------------------|
| Basic static load rating – C0 | 10.4 kN |
| Fatigue load limit – Pu | 0.44 kN |
| Limiting speed for grease lubrication | 22000 r/min |
| Limiting speed for oil lubrication | 34000 mm/min |
| Ball – Dw | 7.938 mm |
| Ball – z | 18 |
| Gref | 2.4 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 | 100 N |
| Preload class B – GB | 200 N |
| Preload class C – GC | 400 N |
| Preload class D – GD | 800 N |
| Calculation factor – f | 1.06 |
| Calculation factor – f1 | 0.99 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.02 |
| Calculation factor – f2C | 1.05 |
| Calculation factor – f2D | 1.08 |
| Calculation factor – fHC | 1.02 |
| Preload class A | 107 N/micron |
| Preload class B | 138 N/micron |
| Preload class C | 180 N/micron |
| Preload class D | 238 N/micron |
| r1,2 min. | 1 mm |
| r3,4 min. | 0.3 mm |

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| da min. | 44.6 mm |
| db min. | 44.6 mm |
| Da max. | 63.4 mm |
| Db max. | 66 mm |
| ra max. | 1 mm |
| rb max. | 0.3 mm |
| Basic dynamic load rating C | 15.9 kN |
| Basic static load rating C0 | 10.4 kN |
| Fatigue load limit Pu | 0.44 kN |
| Attainable speed for grease lubrication | 22000 r/min |
| Attainable speed for oil-air lubrication | 34000 r/min |
| Ball diameter Dw | 7.938 mm |
| Number of balls z | 18 |
| Reference grease quantity Gref | 2.4 cm ³ |
| Preload class A GA | 100 N |
| Static axial stiffness, preload class A | 107 N/μm |
| Preload class B GB | 200 N |
| Static axial stiffness, preload class B | 138 N/μm |
| Preload class C GC | 400 N |
| Static axial stiffness, preload class C | 180 N/μm |
| Preload class D GD | 800 N |
| Static axial stiffness, preload class D | 238 N/μm |
| Calculation factor f | 1.06 |
| Calculation factor f1 | 0.99 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.02 |
| Calculation factor f2C | 1.05 |
| Calculation factor f2D | 1.08 |
| Calculation factor fHC | 1.02 |

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| 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 | 0.17 kg |