

Toyana 23938 KCW33+AH3938 spherical roller bearings

Our highly-skilled and factory-trained service experts have the resources to 72 Bore Diameter (mm) help you with all your Toyana 23938 KCW33+AH3938 spherical roller bearings needs – including routine maintenance, major repairs, warranty service, and 72x35x17 Size (mm) equipment inspections.

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|---------------------|----------|
| Size (mm) | 72x35x17 |
| Bore Diameter (mm) | 72 |
| Outer Diameter (mm) | 35 |
| Width (mm) | 17 |
| d | 35 mm |
| D | 72 mm |
| B | 17 mm |
| d1 | 46.8 mm |
| d2 | 46.8 mm |
| D2 | 63.2 mm |
| r1,2 – min. | 1.1 mm |
| r3,4 – min. | 0.3 mm |
| a | 15.7 mm |
| da – min. | 42 mm |
| da – max. | 46.2 mm |
| db – min. | 42 mm |
| db – max. | 46.2 mm |
| Da – max. | 65 mm |
| Db – max. | 69.6 mm |
| ra – max. | 1 mm |

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|---------------------------------------|--------------|
| rb – max. | 0.3 mm |
| Basic dynamic load rating – C | 31.9 kN |
| Basic static load rating – C0 | 21.6 kN |
| Fatigue load limit – Pu | 0.915 kN |
| Limiting speed for grease lubrication | 20000 r/min |
| Ball – Dw | 11.112 mm |
| Ball – z | 13 |
| Calculation factor – f0 | 13.9 |
| Preload class A – GA | 120 N |
| Preload class B – GB | 240 N |
| Preload class C – GC | 480 N |
| Preload class D – GD | 960 N |
| Calculation factor – f | 1 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.01 |
| Calculation factor – f2C | 1.03 |
| Calculation factor – f2D | 1.05 |
| Calculation factor – fHC | 1 |
| Preload class A | 50 N/micron |
| Preload class B | 67 N/micron |
| Preload class C | 94 N/micron |
| Preload class D | 136 N/micron |
| r1,2 min. | 1.1 mm |
| r3,4 min. | 0.3 mm |
| da min. | 42 mm |
| da max. | 46.2 mm |
| db min. | 42 mm |
| db max. | 46.2 mm |
| Da max. | 65 mm |

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|---|----------------|
| Db max. | 69.6 mm |
| ra max. | 1 mm |
| rb max. | 0.3 mm |
| Basic dynamic load rating C | 31.9 kN |
| Basic static load rating C0 | 21.6 kN |
| Fatigue load limit Pu | 0.915 kN |
| Attainable speed for grease lubrication | 20000 r/min |
| Ball diameter Dw | 11.112 mm |
| Number of balls z | 13 |
| Preload class A GA | 120 N |
| Static axial stiffness, preload class A | 50 N/ μ m |
| Preload class B GB | 240 N |
| Static axial stiffness, preload class B | 67 N/ μ m |
| Preload class C GC | 480 N |
| Static axial stiffness, preload class C | 94 N/ μ m |
| Preload class D GD | 960 N |
| Static axial stiffness, preload class D | 136 N/ μ m |
| Calculation factor f | 1.05 |
| Calculation factor f1 | 1 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.01 |
| Calculation factor f2C | 1.03 |
| Calculation factor f2D | 1.05 |
| Calculation factor fHC | 1 |
| Calculation factor f0 | 13.9 |
| Mass bearing | 0.29 kg |