

Timken 201KTD deep groove ball bearings

Timken 201KTD deep groove ball bearings SEARCH – Whether it's 80x50x16 Size (mm) agriculture or construction equipment your working on, Has the you need.

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| Size (mm) | 80x50x16 |
| Bore Diameter (mm) | 80 |
| Outer Diameter (mm) | 50 |
| Width (mm) | 16 |
| d | 50 mm |
| D | 80 mm |
| B | 16 mm |
| d1 | 59.2 mm |
| d2 | 59.2 mm |
| D1 | 70.8 mm |
| b | 2 mm |
| C1 | 8.6 mm |
| C2 | 3.6 mm |
| C3 | 2.8 mm |
| r1,2 – min. | 1 mm |
| r3,4 – min. | 0.3 mm |
| a | 16.8 mm |
| da – min. | 54.6 mm |
| db – min. | 54.6 mm |
| Da – max. | 75.4 mm |
| Db – max. | 78 mm |
| ra – max. | 1 mm |

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| rb – max. | 0.3 mm |
| dn | 61.2 mm |
| Basic dynamic load rating – C | 29.6 kN |
| Basic static load rating – C0 | 24 kN |
| Fatigue load limit – Pu | 1 kN |
| Limiting speed for grease lubrication | 17000 r/min |
| Limiting speed for oil lubrication | 28000 mm/min |
| Ball – Dw | 9.525 mm |
| Ball – z | 18 |
| Gref | 3.6 cm ³ |
| Calculation factor – f0 | 15.4 |
| Preload class A – GA | 110 N |
| Preload class B – GB | 220 N |
| Preload class C – GC | 440 N |
| Preload class D – GD | 880 N |
| Calculation factor – f | 1 |
| Calculation factor – f2A | 1 |
| Calculation factor – f2B | 1.02 |
| Calculation factor – f2C | 1.05 |
| Calculation factor – f2D | 1.09 |
| Calculation factor – fHC | 1 |
| Preload class A | 58 N/micron |
| Preload class B | 79 N/micron |
| Preload class C | 111 N/micron |
| Preload class D | 161 N/micron |
| r1,2 min. | 1 mm |
| r3,4 min. | 0.3 mm |
| da min. | 54.6 mm |
| db min. | 54.6 mm |

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| Da max. | 75.4 mm |
| Db max. | 78 mm |
| ra max. | 1 mm |
| rb max. | 0.3 mm |
| Basic dynamic load rating C | 29.6 kN |
| Basic static load rating C0 | 24 kN |
| Fatigue load limit Pu | 1.02 kN |
| Attainable speed for grease lubrication | 17000 r/min |
| Attainable speed for oil-air lubrication | 28000 r/min |
| Ball diameter Dw | 9.525 mm |
| Number of balls z | 18 |
| Reference grease quantity Gref | 3.6 cm ³ |
| Preload class A GA | 110 N |
| Static axial stiffness, preload class A | 58 N/μm |
| Preload class B GB | 220 N |
| Static axial stiffness, preload class B | 79 N/μm |
| Preload class C GC | 440 N |
| Static axial stiffness, preload class C | 111 N/μm |
| Preload class D GD | 880 N |
| Static axial stiffness, preload class D | 161 N/μm |
| Calculation factor f | 1.11 |
| Calculation factor f1 | 1 |
| Calculation factor f2A | 1 |
| Calculation factor f2B | 1.02 |
| Calculation factor f2C | 1.05 |
| Calculation factor f2D | 1.09 |
| Calculation factor fHC | 1 |
| Calculation factor f0 | 15.4 |
| Mass bearing | 0.25 kg |