# FAG 62200-2RSR deep groove ball bearings

QuestionFAG 62200-2RSR deep groove ball bearings ? Find what you need faster by entering 120x85x18 Size (mm) your information . 120 Bore Diameter (mm)

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|---|---|
| Size (mm) | 120x85x18 |
| Bore Diameter (mm) | 120 |
| Outer Diameter (mm) | 85 |
| Width (mm) | 18 |
| d | 85 mm |
| D | 120 mm |
| B | 18 mm |
| d1 | 98.2 mm |
| d2 | 96.7 mm |
| D2 | 110.2 mm |
| r1,2 – min. | 1.1 mm |
| r3,4 – min. | 0.6 mm |
| a | 36.3 mm |
| da – min. | 91 mm |
| da – max. | 97.5 mm |
| db – min. | 91 mm |
| db – max. | 96 mm |
| Da – max. | 114 mm |
| Db – max. | 116.8 mm |
| ra – max. | 1 mm |
| rb – max. | 0.6 mm |
| Basic dynamic load rating – C | 15.3 kN |

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| Basic static load rating – C0 | 15.3 kN |
| Fatigue load limit – Pu | 0.64 kN |
| Limiting speed for grease lubrication | 13000 r/min |
| Ball – Dw | 6.747 mm |
| Ball – z | 37 |
| 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 | 93 N |
| Preload class B – GB | 185 N |
| Preload class C – GC | 560 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 | 136 N/micron |
| Preload class B | 174 N/micron |
| Preload class C | 264 N/micron |
| r1,2 min. | 1.1 mm |
| r3,4 min. | 0.6 mm |
| da min. | 91 mm |
| da max. | 97.5 mm |
| db min. | 91 mm |
| db max. | 96 mm |
| Da max. | 114 mm |

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|---|---|
| Db max. | 116.8 mm |
| ra max. | 1 mm |
| rb max. | 0.6 mm |
| Basic dynamic load rating C | 20.3 kN |
| Basic static load rating C0 | 24.5 kN |
| Fatigue load limit Pu | 0.64 kN |
| Attainable speed for grease lubrication | 13000 r/min |
| Ball diameter Dw | 6.747 mm |
| Number of balls z | 37 |
| Preload class A GA | 93 N |
| Static axial stiffness, preload class A | 136 N/µm |
| Preload class B GB | 185 N |
| Static axial stiffness, preload class B | 174 N/µm |
| Preload class C GC | 560 N |
| Static axial stiffness, preload class C | 264 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 |
| Calculation factor (back-to-back, face-to-face) Y2 | 1.41 |

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|---|---|
| Calculation factor (back-to-back, face-to-face) Y0 | 0.76 |
| Calculation factor (back-to-back, face-to-face) X2 | 0.67 |
| Mass bearing | 0.59 kg |