

BS2-2212-2RSK/VT143 SKF

Limiting speed 2700 r/min

110x60x34mm Spherical roller bearings

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| Bearing number | BS2-2212-2RSK/VT143 |
| Size (mm) | 110x60x34 |
| Brand | SKF |
| Bore Diameter (mm) | 110 |
| Outer Diameter (mm) | 60 |
| Width (mm) | 34 |
| d | 60 mm |
| D | 110 mm |
| B | 34 mm |
| d ₂ | 69.7 mm |
| D ₁ | 101 mm |
| b | 6 mm |
| K | 3 mm |
| r _{1,2} – min. | 1.5 mm |
| d _a – min. | 67.2 mm |
| d _a – max. | 69.5 mm |
| D _a – max. | 101 mm |
| r _a – max. | 1.5 mm |
| Basic dynamic load rating – C | 159 kN |
| Basic static load rating – C ₀ | 163 kN |
| Fatigue load limit – P _u | 18 kN |

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| Limiting speed | 2700 r/min |
| Calculation factor – e | 0.24 |
| Calculation factor – Y_1 | 2.8 |
| Calculation factor – Y_2 | 4.2 |
| Calculation factor – Y_0 | 2.8 |
| $d_2 \approx$ | 69.7 mm |
| $D_1 \approx$ | 101 mm |
| $r_{1,2} \text{ min.}$ | 1.5 mm |
| $D_a \text{ max.}$ | 101 mm |
| $r_a \text{ max.}$ | 1.5 mm |
| Basic dynamic load rating C | 159 kN |
| Basic static load rating C_0 | 166 kN |
| Fatigue load limit P_u | 18.6 kN |
| Calculation factor e | 0.24 |
| Calculation factor Y_1 | 2.8 |
| Calculation factor Y_2 | 4.2 |
| Calculation factor Y_0 | 2.8 |
| Mass bearing | 1.3 kg |
| Recommended lock nut tightening angle α | 115 ° |