

WBB1-8700-2Z SKF 4×1.2×2.5mm ra max. 0.1 mm Deep groove ball bearings

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| Bearing number | WBB1-8700-2Z |
| Size (mm) | 4×1.2×2.5 |
| Brand | SKF |
| Bore Diameter (mm) | 4 |
| Outer Diameter (mm) | 1.2 |
| Width (mm) | 2.5 |
| d | 1.2 mm |
| D | 4 mm |
| B | 2.5 mm |
| d ₁ | 2.15 mm |
| D ₂ | 3.5 mm |
| r _{1,2} – min. | 0.1 mm |
| d _a – min. | 2 mm |
| d _a – max. | 2.1 mm |
| D _a – max. | 3.5 mm |
| r _a – max. | 0.1 mm |
| Basic dynamic load rating – C | 0.062 kN |
| Basic static load rating – C ₀ | 0.016 kN |
| Fatigue load limit – P _u | 0.001 kN |
| Reference speed | 220000 r/min |
| Limiting speed | 110000 r/min |
| Calculation factor – k _r | 0.02 |

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| Calculation factor – f_0 | 6.4 |
| $d_1 \approx$ | 2.15 mm |
| $D_2 \approx$ | 3.5 mm |
| $r_{1,2} \text{ min.}$ | 0.1 mm |
| $d_a \text{ min.}$ | 2 mm |
| $d_a \text{ max.}$ | 2.1 mm |
| $D_a \text{ max.}$ | 3.5 mm |
| $r_a \text{ max.}$ | 0.1 mm |
| Basic dynamic load rating C | 0.062 kN |
| Basic static load rating C_0 | 0.016 kN |
| Fatigue load limit P_u | 0.001 kN |
| Calculation factor k_r | 0.02 |
| Calculation factor f_0 | 6.4 |
| Mass bearing | 0.0001 kg |