

WBB1-8705-2RS1 SKF Fatigue load limit Pu 0.004 kN 5x10x4mm Deep groove ball bearings

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| Bearing number | WBB1-8705-2RS1 |
| Size (mm) | 5x10x4 |
| Brand | SKF |
| Bore Diameter (mm) | 5 |
| Outer Diameter (mm) | 10 |
| Width (mm) | 4 |
| d | 5 mm |
| D | 10 mm |
| B | 4 mm |
| C | 4 mm |
| Weight | 0.0012 Kg |
| Basic dynamic load rating (C) | 0.247 kN |
| Basic static load rating (C0) | 0.085 kN |
| Fatigue load limit (Pu) | 0.004 |
| $d_1 \approx$ | 6 mm |
| $D_2 \approx$ | 8.4 mm |
| $r_{1,2} \text{ min.}$ | 0.15 mm |
| $d_a \text{ min.}$ | 5.9 mm |
| $d_a \text{ max.}$ | 5.9 mm |
| $D_a \text{ max.}$ | 8.8 mm |
| $r_a \text{ max.}$ | 0.15 mm |
| Basic dynamic load rating C | 0.247 kN |

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|--------------------------------|-------------|
| Basic static load rating C_0 | 0.085 kN |
| Fatigue load limit P_u | 0.004 kN |
| Limiting speed | 38000 r/min |
| Calculation factor k_r | 0.015 |
| Calculation factor f_0 | 7.6 |
| Mass bearing | 0.0012 kg |