



BEARING CORP.OF AMERICA

12 mm x 18 mm x 4 mm skf W 61701 R-2ZS
Deep groove ball bearings

Bearing No. W 61701 R-2ZS

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|---|--------------|
| Size | 12x18x4 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 18 mm |
| Width | 4 mm |
| d | 12 mm |
| D | 18 mm |
| B | 4 mm |
| C | 4 mm |
| C | 0,8 mm |
| D3 | 19,5 mm |
| Weight | 0,0033 Kg |
| Basic dynamic load rating (C) | 0,527 kN |
| Basic static load rating (C0) | 0,265 kN |
| Fatigue load limit (Pu) | 0,011 |
| Reference speed | 75 000 r/min |
| d ₁ | 13.86 mm |
| D ₂ | 16.7 mm |
| D ₃ | 19.5 mm |
| r _{1,2} min. | 0.2 mm |
| d _a min. | 13.5 mm |
| d _a max. | 13.5 mm |
| r _a max. | 0.2 mm |
| Basic dynamic load rating C | 0.527 kN |
| Basic static load rating C ₀ | 0.265 kN |
| Fatigue load limit P _u | 0.011 kN |
| Limiting speed | 38000 r/min |
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|--------------------------|-----------|
| Calculation factor k_r | 0.015 |
| Calculation factor f_0 | 8.2 |
| Mass bearing | 0.0031 kg |