



25 mm x 47 mm x 12 mm skf 6005-2ZNR Deep groove ball bearings

Bearing No. 6005-2ZNR

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|---|-------------|
| Size | 47x25x12 mm |
| Bore Diameter | 47 mm |
| Outer Diameter | 25 mm |
| Width | 12 mm |
| d | 25 mm |
| D | 47 mm |
| B | 12 mm |
| d ₁ | 32 mm |
| D ₄ | 52.7 mm |
| f | 1.12 mm |
| d _a - min. | 28.2 mm |
| d _a - max. | 31.9 mm |
| D _a - max. | 43.8 mm |
| D _b - min. | 54 mm |
| b _a - min. | 1.5 mm |
| C _a - max. | 3.18 mm |
| r _a - max. | 0.6 mm |
| Basic dynamic load rating - C | 11.9 kN |
| Basic static load rating - C ₀ | 6.6 kN |
| Fatigue load limit - P _u | 0.275 kN |
| Reference speed | 32000 r/min |
| Limiting speed | 16000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14 |

6005-2ZNR Bearing 2D drawings and 3D CAD models



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|---------------------------------|--|
| Mass bearing | 0.08 kg |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.082 |
| Product Group | B00308 |
| Enclosure | 2 Metal Shields |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | Yes |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste |
| Other Features | Deep Groove With Snap Ring |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Weight / LBS | 0.1918 |
| | |



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|--------------------------------|----------------------------|
| Bore | 0.984 Inch 25 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| d_1 | 32 mm |
| D_2 | 42.2 mm |
| D_3 | 44.6 mm |
| D_4 | 52.7 mm |
| b | 1.35 mm |
| C | 2.06 mm |
| r_0 max. | 0.4 mm |
| $r_{1,2}$ min. | 0.6 mm |
| d_a min. | 28.2 mm |
| d_a max. | 31.9 mm |
| D_a max. | 43.8 mm |
| D_b min. | 54 mm |
| b_a min. | 1.5 mm |
| C_a max. | 3.18 mm |
| r_a max. | 0.6 mm |
| Basic dynamic load rating C | 11.9 kN |
| Basic static load rating C_0 | 6.55 kN |
| Fatigue load limit P_u | 0.275 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14 |
| Snap ring | SP 47 |