



Bearing No. 6320

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| Size | 215x100x47 mm |
| Bore Diameter | 215 mm |
| Outer Diameter | 100 mm |
| Width | 47 mm |
| d | 100 mm |
| D | 215 mm |
| B | 47 mm |
| d ₁ | 135,85 mm |
| d ₂ | mm |
| D ₂ | 183,8 mm |
| r _{1,2} - min. | 3 mm |
| d _a - min. | 114 mm |
| D _a - max. | 201 mm |
| r _a - max. | 2,5 mm |
| Basic dynamic load rating - C | 174 kN |
| Basic static load rating - C ₀ | 140 kN |
| Fatigue load limit - P _u | 4,8 kN |
| Reference speed | 6700 r/min |
| Limiting speed | 4300 r/min |
| Calculation factor - k _r | 0,03 |
| Calculation factor - f ₀ | 13,2 |
| Category | Single Row Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 7.116 |
| EAN | 7316577044518 |

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| Product Group - BDI | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 100MM Bore; 215MM Outside Diameter; 47MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features | Deep Groove |
| Category - BDI | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 6320 |
| Weight / LBS | 15.674 |
| Outside Diameter | 8.465 Inch 215 Millimeter |
| Bore | 3.937 Inch 100 Millimeter |
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|--------------------------------|----------------------------|
| Outer Race Width | 1.85 Inch 47 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| bore diameter: | 100 mm |
| static load capacity: | 140 kN |
| outside diameter: | 215 mm |
| finish/coating: | Uncoated |
| overall width: | 47 mm |
| bearing material: | Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| fillet radius: | 3 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm: | 6700 rpm |
| snap ring included: | Without Snap Ring |
| weight: | 15.6 lbs |
| internal clearance: | C0 |
| manufacturer product page: | Click here |
| operating temperature range: | Max 250 °F |
| manufacturer upc number: | 7316577044518 |
| dynamic load capacity: | 174 kN |
| d_1 ? | 135.85 mm |
| D_2 ? | 183.8 mm |
| $r_{1,2}$ min. | 3 mm |
| d_a min. | 114 mm |
| D_a max. | 201 mm |
| r_a max. | 2.5 mm |
| Basic dynamic load rating C | 174 kN |
| Basic static load rating C_0 | 140 kN |

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|--------------------------|---------|
| Fatigue load limit P_u | 4.75 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 13.2 |
| Mass bearing | 7.08 kg |