



Bearing No. 6014-Z

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| D | 110 mm |
| d | 70 mm |
| B | 20 mm |
| Bore | 2.756 Inch 70 Millimeter |
| Noun | Bearing |
| UNSPSC | 31171504 |
| Category | Single Row Ball Bearing |
| Inventory | 0.0 |
| Enclosure | 1 Metal Shield |
| Size (mm) | 110x70x20 |
| Snap Ring | No |
| Width (mm) | 20 |
| Mass bearing | 0.62 kg |
| Weight / LBS | 1.41 |
| Inch - Metric | Metric |
| Cage Material | Steel |
| D ₂ | 99.9 mm |
| d ₁ | 82.85 mm |
| Product Group | B00308 |
| Keyword String | Ball |
| Bearing number | 6014-Z |
| Limiting speed | 8000 r/min |
| Reference speed | 13000 r/min |
| Precision Class | ABEC 1 ISO P0 |
| Rolling Element | Ball Bearing |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| Long Description | 70MM Bore; 110MM Outside Diameter; |

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| | 20MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Outer Race Width | 0.787 Inch 20 Millimeter |
| Manufacturer Name | SKF |
| Weight / Kilogram | 0.642 |
| d_a max. | 82.8 mm |
| Internal Clearance | C0-Medium |
| d_a min. | 76 mm |
| D_a max. | 104 mm |
| Bore Diameter (mm) | 110 |
| r_a max. | 1 mm |
| Outer Diameter (mm) | 70 |
| $r_{1,2}$ min. | 1.1 mm |
| D_a - max. | 104 mm |
| d_a - min. | 76 mm |
| d_a - max. | 82.8 mm |
| r_a - max. | 1 mm |
| Minimum Buy Quantity | N/A |
| d_1 ? | 82.85 mm |
| D_2 ? | 99.9 mm |
| Harmonized Tariff Code | 8482.10.50.68 |
| $r_{1,2}$ - min. | 1.1 mm |
| Manufacturer Item Number | 6014-Z |
| Internal Special Features | No |
| Basic dynamic load rating C | 39.7 kN |
| Basic dynamic load rating - C | 39.7 kN |

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| Maximum Capacity / Filling Slot | No |
| Fatigue load limit P_u | 1.32 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 15.6 |
| Calculation factor - k_r | 0.025 |
| Fatigue load limit - P_u | 1.3 kN |
| Calculation factor - f_0 | 15.6 |
| Basic static load rating C_0 | 31 kN |
| Basic static load rating - C_0 | 31 kN |