



Bearing No. 6305-Z

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| D | 62 mm |
| d | 25 mm |
| B | 17 mm |
| Bore | 0.984 Inch 25 Millimeter |
| Noun | Bearing |
| UNSPSC | 31171504 |
| Category | Single Row Ball Bearing |
| Inventory | 0.0 |
| Enclosure | 1 Metal Shield |
| Size (mm) | 62x25x17 |
| Snap Ring | No |
| Width (mm) | 17 |
| Mass bearing | 0.23 kg |
| Weight / LBS | 0.51 |
| Inch - Metric | Metric |
| Cage Material | Steel |
| D ₂ | 52.7 mm |
| d ₁ | 36.6 mm |
| Product Group | B00308 |
| Keyword String | Ball |
| Bearing number | 6305-Z |
| Limiting speed | 16000 r/min |
| Precision Class | ABEC 1 ISO P0 |
| Reference speed | 24000 r/min |
| Rolling Element | Ball Bearing |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 2.441 Inch 62 Millimeter |
| Long Description | 25MM Bore; 62MM Outside Diameter; |

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| | 17MM 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 | 0.669 Inch 17 Millimeter |
| Weight / Kilogram | 0.23 |
| Manufacturer Name | SKF |
| Bore Diameter (mm) | 62 |
| D _a max. | 55 mm |
| r _a max. | 1 mm |
| Internal Clearance | C0-Medium |
| d _a max. | 36.5 mm |
| d _a min. | 32 mm |
| Outer Diameter (mm) | 25 |
| d _a - min. | 32 mm |
| d _a - max. | 36.5 mm |
| r _a - max. | 1 mm |
| Minimum Buy Quantity | N/A |
| D _a - max. | 55 mm |
| d ₁ ? | 36.6 mm |
| D ₂ ? | 52.7 mm |
| Harmonized Tariff Code | 8482.10.50.68 |
| r _{1,2} - min. | 1.1 mm |
| Manufacturer Item Number | 6305-Z |
| Internal Special Features | No |
| Basic dynamic load rating C | 23.4 kN |
| Basic dynamic load rating - C | 23.4 kN |
| Maximum Capacity / | No |

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| Filling Slot | |
| Fatigue load limit P_u | 0.49 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 12 |
| Calculation factor - k_r | 0.03 |
| Fatigue load limit - P_u | 0.49 kN |
| Calculation factor - f_0 | 12 |
| Basic static load rating C_0 | 11.6 kN |
| Basic static load rating - C_0 | 11.6 kN |