



Bearing No. 6406

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|----------------|----------------------------|
| D | 90 mm |
| d | 30 mm |
| B | 23 mm |
| Bore | 1.181 Inch 30 Millimeter |
| Noun | Bearing |
| UNSPSC | 31171504 |
| series: | 64 |
| Category | Single Row Ball Bearing |
| Enclosure | Open |
| Inventory | 0.0 |
| Size (mm) | 90x30x23 |
| Snap Ring | No |
| Width (mm) | 23 |
| bore type: | Round |
| Weight / LBS | 1.662 |
| Mass bearing | 0.75 kg |
| maximum rpm: | 11000 RPM |
| closure type: | Open |
| D ₁ | 69.65 mm |
| d ₁ | 50.34 mm |
| Inch - Metric | Metric |
| Cage Material | Steel |
| Product Group | B00308 |
| bore diameter: | 30 mm |
| cage material: | Steel |
| Keyword String | Ball |
| fillet radius: | 1.5 mm |
| overall width: | 23 mm |
| Bearing number | 6406 |

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| Limiting speed | 11000 r/min |
| finish/coating: | Uncoated |
| Precision Class | ABEC 1 ISO P0 |
| Rolling Element | Ball Bearing |
| Reference speed | 18000 r/min |
| Outer Race Width | 0.906 Inch 23 Millimeter |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Long Description | 30MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Manufacturer Name | SKF |
| Weight / Kilogram | 0.755 |
| outer ring width: | 23 mm |
| precision rating: | ABEC 3 (ISO Class 6) |
| outside diameter: | 90 mm |
| Internal Clearance | C0-Medium |
| D _a max. | 79 mm |
| Bore Diameter (mm) | 90 |
| d _a min. | 41 mm |
| r _a max. | 1.5 mm |
| internal clearance: | C0 |
| snap ring included: | Without Snap Ring |
| Outer Diameter (mm) | 30 |
| Minimum Buy Quantity | N/A |
| r _a - max. | 1.5 mm |
| D _a - max. | 79 mm |
| d _a - min. | 41 mm |

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|---|--------------------------|
| r _{1,2} min. | 1.5 mm |
| static load capacity: | 23.6 kN |
| d ₁ ? | 50.34 mm |
| D ₁ ? | 69.65 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| dynamic load capacity: | 43.6 kN |
| Harmonized Tariff Code | 8482.10.50.68 |
| r _{1,2} - min. | 1.5 mm |
| Manufacturer Item Number | 6406 |
| Internal Special Features | No |
| Basic dynamic load rating C | 43.6 kN |
| Basic dynamic load rating - C | 43.6 kN |
| Maximum Capacity / Filling Slot | No |
| Fatigue load limit P _u | 1 kN |
| Calculation factor k _r | 0.035 |
| Calculation factor f ₀ | 12.1 |
| Fatigue load limit - P _u | 1 kN |
| Calculation factor - k _r | 0.035 |
| Calculation factor - f ₀ | 12.1 |
| Basic static load rating C ₀ | 23.6 kN |
| Basic static load rating - C ₀ | 23.6 kN |