



KOYO BEARING LTD



25 mm x 52 mm x 15 mm nachi 6205 bearing

Bearing No. 6205

6205 Bearing 2D drawings and 3D CAD models

| | |
|---------------------------------|--------------------------|
| Size | 25x52x15 mm |
| Bore Diameter | 25 mm |
| Outer Diameter | 52 mm |
| Width | 15 mm |
| d | 25 mm |
| D | 52 mm |
| B | 15 mm |
| C | 15 mm |
| r min. | 1 mm |
| da min. | 31 mm |
| Da max. | 46 mm |
| ra max. | 1.0 mm |
| Weight | 0.128 Kg |
| Basic dynamic load rating (C) | 14 kN |
| Basic static load rating (C0) | 7,9 kN |
| (Grease) Lubrication Speed | 12000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NACHI |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |



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|---------------------------|---|
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 25MM Bore; 52MM Outside Diameter; 15MM 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 | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.nachiamerica.com |
| Weight / LBS | 0.28219 |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outside Diameter | 2.047 Inch 52 Millimeter |
| Outer Race Width | 0.591 Inch 15 Millimeter |
| Bore | 0.984 Inch 25 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 25 mm |
| Width | 15 mm |
| Fillet Radius/Chamfer | 1 mm |
| Dynamic Load Rating | 14,000 N |
| Static Load Rating | 7,900 N |



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| | |
|-------------------------|-------------------|
| Limiting Speed - Grease | 13,000 rpm |
| Limiting Speed - Oil | 16,000 rpm |
| Factor f_0 | 13.9 |
| Radial Clearance | 0.005 to 0.020 mm |
| d_a (min) | 31 mm |
| D_a (max) | 46 mm |
| r_a (max) | 1 mm |