



Flange Block Bearings Making Company



6010 Bearing 2D drawings and 3D CAD models

6010 SKF, NSK, NTN, Koyo, Timken NACHI
Tapered Roller Bearing, Spherical Roller Bearing,
Pillow Block, Deep Groove Ball Bearing

Bearing No. 6010

| | |
|-------------------------------|--------------------------|
| Size | 50x80x16 mm |
| Bore Diameter | 50 mm |
| Outer Diameter | 80 mm |
| Width | 16 mm |
| d | 50 mm |
| D | 80 mm |
| B | 16 mm |
| C | 16 mm |
| r min. | 1 mm |
| da min. | 55 mm |
| Da max. | 75 mm |
| ra max. | 1.0 mm |
| Weight | 0.264 Kg |
| Basic dynamic load rating (C) | 21,8 kN |
| Basic static load rating (C0) | 16,6 kN |
| (Grease) Lubrication Speed | 8300 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 |



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|---------------------------------|---|
| 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 | 50MM Bore; 80MM Outside Diameter; 16MM 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 |
| Bore | 1.969 Inch 50 Millimeter |
| Outer Race Width | 0.63 Inch 16 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outside Diameter | 3.15 Inch 80 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 50 mm |
| Width | 16 mm |
| Fillet Radius/Chamfer | 1 mm |
| Dynamic Load Rating | 21,800 N |
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|-------------------------|-------------------|
| Static Load Rating | 16,600 N |
| Limiting Speed - Grease | 8,500 rpm |
| Limiting Speed - Oil | 10,000 rpm |
| Factor f_0 | 15.6 |
| Radial Clearance | 0.006 to 0.023 mm |
| d_a (min) | 55 mm |
| D_a (max) | 75 mm |
| r_a (max) | 1 mm |