



Timken Bearing Company



6307 2RS - O&Kai Z1V1 Z2V2 Z3V3 Deep Groove Ball Bearing SKF NSK NTN NACHI Koyo FAG OEM

Bearing No. 6307

6307 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 35x80x21 mm |
| Bore Diameter | 35 mm |
| Outer Diameter | 80 mm |
| Width | 21 mm |
| d | 35 mm |
| D | 80 mm |
| B | 21 mm |
| C | 21 mm |
| r min. | 1.5 mm |
| da min. | 44 mm |
| Da max. | 71 mm |
| ra max. | 1.5 mm |
| Weight | 0.457 Kg |
| Basic dynamic load rating (C) | 33,5 kN |
| Basic static load rating (C0) | 19,2 kN |
| (Grease) Lubrication Speed | 8400 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NACHI |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 3.02 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |



Timken Bearing Company

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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 | 35MM Bore; 80MM Outside Diameter; 21MM 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 |
| Outside Diameter | 3.15 Inch 80 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 1.378 Inch 35 Millimeter |
| Outer Race Width | 0.827 Inch 21 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 35 mm |
| Width | 21 mm |
| Fillet Radius/Chamfer | 1.5 mm |
| Dynamic Load Rating | 33,500 N |
| | |



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|-------------------------|-------------------|
| Static Load Rating | 19,200 N |
| Limiting Speed - Grease | 8,800 rpm |
| Limiting Speed - Oil | 10,000 rpm |
| Factor f_0 | 13.2 |
| Radial Clearance | 0.006 to 0.020 mm |
| da (min) | 44 mm |
| Da (max) | 71 mm |
| ra (max) | 1.5 mm |