



BEARING CORP. LTD.



17 mm x 35 mm x 8 mm NACHI 16003 deep groove ball bearings

Bearing No. 16003

16003 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 17x35x8 mm |
| Bore Diameter | 17 mm |
| Outer Diameter | 35 mm |
| Width | 8 mm |
| d | 17 mm |
| D | 35 mm |
| B | 8 mm |
| C | 8 mm |
| r min. | 0.3 mm |
| da min. | 22 mm |
| Da max. | 30 mm |
| ra max. | 0.3 mm |
| Weight | 0.032 Kg |
| Basic dynamic load rating (C) | 6 kN |
| Basic static load rating (C0) | 3,25 kN |
| (Grease) Lubrication Speed | 20000 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 | No |



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|---------------------------|--|
| Slot | |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 17MM Bore; 35MM Outside Diameter; 8MM 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 | 0.0705 |
| Outside Diameter | 1.378 Inch 35 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outer Race Width | 0.315 Inch 8 Millimeter |
| Bore | 0.669 Inch 17 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 17 mm |
| Width | 8 mm |
| Fillet Radius/Chamfer | 0.3 mm |
| Dynamic Load Rating | 6,000 N |



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|-------------------------|-------------------|
| Static Load Rating | 3,250 N |
| Limiting Speed - Grease | 22,000 rpm |
| Limiting Speed - Oil | 26,000 rpm |
| Factor f_0 | 14.3 |
| Radial Clearance | 0.003 to 0.018 mm |
| da (min) | 22 mm |
| Da (max) | 30 mm |
| ra (max) | 0.3 mm |