



LEDONG Machinery Co., Ltd.



70 mm x 90 mm x 10 mm NACHI 6814 deep groove ball bearings

Bearing No. 6814

6814 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 70x90x10 mm |
| Bore Diameter | 70 mm |
| Outer Diameter | 90 mm |
| Width | 10 mm |
| d | 70 mm |
| D | 90 mm |
| B | 10 mm |
| C | 10 mm |
| r min. | 0.6 mm |
| da min. | 74 mm |
| Da max. | 86 mm |
| ra max. | 0.6 mm |
| Weight | 0.135 Kg |
| Basic dynamic load rating (C) | 12,1 kN |
| Basic static load rating (C0) | 11,9 kN |
| (Grease) Lubrication Speed | 7000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NACHI |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.136 |
| EAN | 4991893805765 |
| 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 |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 70MM Bore; 90MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.nachi.com |
| Manufacturer Item Number | 6814 BNLS |
| Weight / LBS | 0.3 |
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Outer Race Width | 0.394 Inch 10 Millimeter |
| Bore | 2.756 Inch 70 Millimeter |
| Bore Type | Cylindrical Bore |
| Configuration | Single Row |
| Bore Size | 70 mm |
| Width | 10 mm |
| Fillet Radius/Chamfer | 0.6 mm |
| Dynamic Load Rating | 12,100 N |
| Static Load Rating | 11,900 N |
| Limiting Speed - Grease | 7,000 rpm |
| Limiting Speed - Oil | 8,100 rpm |
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| Factor f_o | 16.1 |
| Radial Clearance | 0.010 to 0.030 mm |
| d_a (min) | 74 mm |
| D_a (max) | 86 mm |
| r_a (max) | 0.6 mm |