



6813 DD NSK Deep Groove Ball Bearing

Bearing No. 6813

| | |
|-------------------------------|--------------------------|
| Size | 65x85x10 mm |
| Bore Diameter | 65 mm |
| Outer Diameter | 85 mm |
| Width | 10 mm |
| d | 65 mm |
| D | 85 mm |
| B | 10 mm |
| C | 10 mm |
| r min. | 0,6 mm |
| da min. | 69 mm |
| da max | 69 mm |
| Da max. | 81 mm |
| ra max. | 0,6 mm |
| Weight | 0,128 Kg |
| Basic dynamic load rating (C) | 11,9 kN |
| Basic static load rating (C0) | 12,1 kN |
| (Grease) Lubrication Speed | 7 500 r/min |
| (Oil) Lubrication Speed | 8 500 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.06 |
| EAN | 0029176029905 |
| Product Group | B00308 |
| Enclosure | Open |

6813 Bearing 2D drawings and 3D CAD models



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| Precision Class | ABEC 1 ISO P0 |
| 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 | 65MM Bore; 85MM 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.nskamericas.com |
| Manufacturer Item Number | 6813 |
| Weight / LBS | 0.125 |
| Outer Race Width | 0.394 Inch 10 Millimeter |
| Bore | 2.559 Inch 65 Millimeter |
| Outside Diameter | 3.346 Inch 85 Millimeter |
| bore diameter: | 65 mm |
| internal clearance: | C0 |
| outside diameter: | 85 mm |
| dynamic load capacity: | 11900 N |
| overall width: | 10 mm |
| precision rating: | ABEC1, P0 |
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|-----------------------|--------------------------|
| bore type: | Round |
| finish/coating: | Uncoated |
| closure type: | Open |
| cage material: | Steel Cage |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm: | 8500 rpm |
| snap ring included: | Without Snap Ring |
| SRI | 2.88 |
| hidYobi | 6813 |
| LangID | 1 |
| D_ | 85 |
| SREX | 0.015 |
| B_ | 10 |
| da min | 69 |
| hidTable | ecat_NSRDGB |
| Oil rpm | 8500 |
| SRE | 2.88 |
| mass | 0.128 |
| GRS rpm | 7500 |
| ra | 0.6 |
| SRIX | 0.015 |
| D_a | 81 |
| SRIN | -0.015 |
| C0 | 12.1 |
| fo | 17 |
| SREN | -0.015 |
| DE_ | 80.556 |
| Prod_Type3 | DGBB_SR_OT |
| DA_ | 5.556 |
| bomp | 0 |
| Z_ | 23 |
| yobi | 6813 |
| | |



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| | |
|--------|--------|
| C_conv | 11900 |
| ALPHA_ | 0 |
| SDM_ | 75 |
| r | 0.6 |
| KBRG | 6101 |
| SBRG | 18 |
| DI_ | 69.444 |