



AMERICAN BEARING MFG.CORP.



High Speed NSK Ball Bearing 6002

Bearing No. 6002

| | |
|-------------------------------|--------------------------|
| Size | 15x32x9 mm |
| Bore Diameter | 15 mm |
| Outer Diameter | 32 mm |
| Width | 9 mm |
| d | 15 mm |
| D | 32 mm |
| B | 9 mm |
| C | 9 mm |
| r min. | 0,3 mm |
| da min. | 17 mm |
| da max | 19 mm |
| Da max. | 30 mm |
| ra max. | 0,3 mm |
| Weight | 0,031 Kg |
| Basic dynamic load rating (C) | 5,6 kN |
| Basic static load rating (C0) | 2,83 kN |
| (Grease) Lubrication Speed | 24 000 r/min |
| (Oil) Lubrication Speed | 28 000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.03 |
| EAN | 0029176012303 |
| Product Group | B00308 |
| Enclosure | Open |

6002 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 | 15MM Bore; 32MM Outside Diameter; 9MM 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 | 6002 |
| Weight / LBS | 0.07 |
| Bore | 0.591 Inch 15 Millimeter |
| Outside Diameter | 1.26 Inch 32 Millimeter |
| Outer Race Width | 0.354 Inch 9 Millimeter |
| bore diameter: | 12 mm |
| closure type: | Open |
| outside diameter: | 28 mm |
| internal clearance: | Normal Clearance |
| overall width: | 8 mm |
| manufacturer upc number: | 029176012303 |
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|------------|--------------|
| bore type: | Round |
| SRI | 2.46 |
| hidYobi | 6002 |
| LangID | 1 |
| D_ | 32 |
| SREX | 0.03 |
| B_ | 9 |
| da min | 17 |
| hidTable | ecat_NS RDGB |
| Oil rpm | 28000 |
| SRE | 2.52 |
| mass | 0.031 |
| GRS rpm | 24000 |
| ra | 0.3 |
| SRIX | 0.015 |
| D_a | 30 |
| SRIN | -0.015 |
| C0 | 2.83 |
| fo | 13.9 |
| SREN | 0 |
| DE_ | 28.262 |
| Prod_Type3 | DGBB_SR_OT |
| DA_ | 4.762 |
| bomp | 0 |
| Z_ | 9 |
| yobi | 6002 |
| C_conv | 5600 |
| ALPHA_ | 0 |
| SDM_ | 23.5 |
| r | 0.3 |
| KBRG | 6101 |
| SBRG | 10 |
| | |



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| DI_ | 18.738 |
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