



FDR Bearing Machine Co., Ltd



High quality 6301 nsk deep groove ball bearing
GCR 15 material nsk 6004du ball bearing for
machinery

Bearing No. 6301

6301 Bearing 2D drawings and 3D CAD models

| | |
|----------------------------------|--------------------------|
| Size | 12x37x12 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 37 mm |
| Width | 12 mm |
| d | 12 mm |
| D | 37 mm |
| B | 12 mm |
| C | 12 mm |
| r min. | 1 mm |
| da min. | 17 mm |
| da max | 18 mm |
| Da max. | 32 mm |
| ra max. | 1 mm |
| Weight | 0,06 Kg |
| Basic dynamic load rating (C) | 9,7 kN |
| Basic static load rating (C0) | 4,2 kN |
| (Grease) Lubrication Speed | 20 000 r/min |
| (Oil) Lubrication Speed | 24 000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.03 |
| EAN | 0029176016196 |



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|---------------------------------|--|
| Product Group | B00308 |
| Enclosure | Open |
| 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 | 12MM Bore; 37MM Outside Diameter; 12MM 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 | 6301 |
| Weight / LBS | 0.06 |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Bore | 0.472 Inch 12 Millimeter |
| Outside Diameter | 1.457 Inch 37 Millimeter |
| SRI | 4.01 |
| hidYobi | 6301 |
| LangID | 1 |
| D_ | 37 |
| SREX | 0.04 |



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|------------|-------------|
| B_ | 12 |
| da min | 17 |
| hidTable | ecat_NSRDGB |
| Oil rpm | 24000 |
| SRE | 4.21 |
| mass | 0.06 |
| GRS rpm | 20000 |
| ra | 1 |
| SRIX | 0.02 |
| D_a | 32 |
| SRIN | 0 |
| C0 | 4.2 |
| fo | 11.1 |
| SREN | 0 |
| DE_ | 32.438 |
| Prod_Type3 | DGBB_SR_OT |
| DA_ | 7.938 |
| bomp | 0 |
| Z_ | 6 |
| yobi | 6301 |
| C_conv | 9700 |
| ALPHA_ | 0 |
| SDM_ | 24.5 |
| r | 1 |
| KBRG | 6101 |
| SBRG | 3 |
| DI_ | 16.562 |