



NTA PRECISION AXLE CORP.



17 mm x 47 mm x 14 mm NSK 6303ZZ deep groove ball bearings

Bearing No. 6303ZZ

6303ZZ Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 17x47x14 mm |
| Bore Diameter | 17 mm |
| Outer Diameter | 47 mm |
| Width | 14 mm |
| d | 17 mm |
| D | 47 mm |
| B | 14 mm |
| C | 14 mm |
| r min. | 1 mm |
| da min. | 22 mm |
| da max | 25,5 mm |
| Da max. | 42 mm |
| ra max. | 1 mm |
| Weight | 0,113 Kg |
| Basic dynamic load rating (C) | 13,6 kN |
| Basic static load rating (C0) | 6,65 kN |
| (Grease) Lubrication Speed | 15 000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.115 |
| EAN | 0029176016462 |
| Product Group | B00308 |
| Enclosure | 2 Metal Shields |



NTA PRECISION AXLE CORP.

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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 | 17MM Bore; 47MM Outside Diameter; 14MM Outer Race Diameter; 2 Metal Shields; 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 | 6303ZZ |
| Weight / LBS | 0.115 |
| Bore | 0.669 Inch 17 Millimeter |
| Outer Race Width | 0.551 Inch 14 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| bore diameter: | 17 mm |
| closure type: | Double Shielded |
| outside diameter: | 47 mm |
| internal clearance: | Normal Clearance |
| overall width: | 14 mm |
| manufacturer upc number: | 029176016462 |
| bore type: | Round |



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|------------|-------------|
| SRI | 4.41 |
| hidYobi | 6303ZZ |
| LangID | 1 |
| D_ | 47 |
| SREX | 0.04 |
| B_ | 14 |
| da min | 22 |
| hidTable | ecat_NSRDGB |
| SRE | 4.63 |
| mass | 0.113 |
| GRS rpm | 15000 |
| ra | 1 |
| SRIX | 0.02 |
| D_a | 42 |
| SRIN | 0 |
| C0 | 6.65 |
| fo | 12.4 |
| SREN | 0 |
| DE_ | 41.731 |
| Prod_Type3 | DGBB_SR_ZZ |
| DA_ | 8.731 |
| bomp | 0 |
| Z_ | 7 |
| yobi | 6303ZZ |
| C_conv | 13600 |
| ALPHA_ | 0 |
| SDM_ | 33 |
| r | 1 |
| KBRG | 6141 |
| SBRG | 3 |
| DI_ | 24.269 |