



BEARING DRIVESHAFT, INC.



30 mm x 47 mm x 9 mm nsk 6906 bearing

Bearing No. 6906

6906 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 30x47x9 mm |
| Bore Diameter | 30 mm |
| Outer Diameter | 47 mm |
| Width | 9 mm |
| d | 30 mm |
| D | 47 mm |
| B | 9 mm |
| C | 9 mm |
| r min. | 0,3 mm |
| da min. | 32 mm |
| da max | 34 mm |
| Da max. | 45 mm |
| ra max. | 0,3 mm |
| Weight | 0,052 Kg |
| Basic dynamic load rating (C) | 7,25 kN |
| Basic static load rating (C0) | 5 kN |
| (Grease) Lubrication Speed | 14 000 r/min |
| (Oil) Lubrication Speed | 17 000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.02 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |



BEARING DRIVESHAFT, INC.

| | |
|---------------------------------|---|
| 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 | 30MM Bore; 47MM 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 | 6906 |
| Weight / LBS | 0.049 |
| Outer Race Width | 0.354 Inch 9 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| Bore | 1.181 Inch 30 Millimeter |
| bore diameter: | 30 mm |
| static load capacity: | 5000 N |
| outside diameter: | 47 mm |
| precision rating: | ABEC 1 (ISO Class Normal) |
| overall width: | 9 mm |
| finish/coating: | Uncoated |
| bore type: | Round |



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| | |
|------------------------------|--------------------------|
| cage material: | Steel |
| closure type: | Open |
| outer ring width: | 9 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 0.3 mm |
| internal clearance: | C0 |
| maximum rpm: | 17000 RPM |
| operating temperature range: | Maximum of +250 ° F |
| series: | 69 |
| dynamic load capacity: | 7250 N |
| SRI | 2.46 |
| hidYobi | 6906 |
| LangID | 1 |
| D_ | 47 |
| SREX | 0.015 |
| B_ | 9 |
| da min | 32 |
| hidTable | ecat_NSRDGB |
| Oil rpm | 17000 |
| SRE | 2.46 |
| mass | 0.052 |
| GRS rpm | 14000 |
| ra | 0.3 |
| SRIX | 0.015 |
| D_a | 45 |
| SRIN | -0.015 |
| C0 | 5 |
| fo | 15.8 |
| SREN | -0.015 |
| DE_ | 43.262 |
| Prod_Type3 | DGBB_SR_OT |
| DA_ | 4.762 |



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| bomp | 0 |
| Z_ | 14 |
| yobi | 6906 |
| C_conv | 7250 |
| ALPHA_ | 0 |
| SDM_ | 38.5 |
| r | 0.3 |
| KBRG | 6101 |
| SBRG | 19 |
| DI_ | 33.738 |