



# BROWNING BEARING COMPANY



## 10 mm x 22 mm x 6 mm nsk 6900 bearing

Bearing No. 6900

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 10x22x6 mm               |
| Bore Diameter                 | 10 mm                    |
| Outer Diameter                | 22 mm                    |
| Width                         | 6 mm                     |
| d                             | 10 mm                    |
| D                             | 22 mm                    |
| B                             | 6 mm                     |
| C                             | 6 mm                     |
| r min.                        | 0,3 mm                   |
| da min.                       | 12 mm                    |
| da max                        | 12,5 mm                  |
| Da max.                       | 20 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,009 Kg                 |
| Basic dynamic load rating (C) | 2,7 kN                   |
| Basic static load rating (C0) | 1,27 kN                  |
| (Grease) Lubrication Speed    | 32 000 r/min             |
| (Oil) Lubrication Speed       | 38 000 r/min             |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | NSK                      |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.01                     |
| EAN                           | 0029176030505            |
| Product Group                 | B00308                   |
| Enclosure                     | Open                     |

6900 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                | 10MM Bore; 22MM Outside Diameter; 6MM 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                | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>   |
| Manufacturer Item Number        | 6900  |
| Weight / LBS                    | 0.009   |
| Bore                            | 0.394 Inch   10 Millimeter  |
| Outer Race Width                | 0.236 Inch   6 Millimeter   |
| Outside Diameter                | 0.866 Inch   22 Millimeter  |
| SRI                             | 1.64  |
| hidYobi                         | 6900  |
| LangID                          | 1   |
| D_                              | 22  |
| SREX                            | 0.015   |
| B_                              | 6   |
|                                 |   |



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|            |             |
|------------|-------------|
| da min     | 12          |
| hidTable   | ecat_NSRDGB |
| Oil rpm    | 38000       |
| SRE        | 1.64        |
| mass       | 0.009       |
| GRS rpm    | 32000       |
| ra         | 0.3         |
| SRIX       | 0.015       |
| D_a        | 20          |
| SRIN       | -0.015      |
| C0         | 1.27        |
| fo         | 14          |
| SREN       | -0.015      |
| DE_        | 19.175      |
| Prod_Type3 | DGBB_SR_OT  |
| DA_        | 3.175       |
| bomp       | 0           |
| Z_         | 9           |
| yobi       | 6900        |
| C_conv     | 2700        |
| ALPHA_     | 0           |
| SDM_       | 16          |
| r          | 0.3         |
| KBRG       | 6101        |
| SBRG       | 19          |
| DI_        | 12.825      |