

16024 NSK 120x180x19mm Product Group – BDI B00308 Deep groove ball bearings

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|---------------------------------|---|
| Bearing number | 16024 |
| Size (mm) | 120x180x19 |
| Brand | NSK |
| Bore diameter (mm) | 120 |
| Outer diameter (mm) | 180 |
| Width (mm) | 19 |
| d | 120 mm |
| D | 180 mm |
| B | 19 mm |
| C | 19 mm |
| r min. | 1 mm |
| da min. | 125 mm |
| Da max. | 175 mm |
| ra max. | 1 mm |
| Weight | 1.6 Kg |
| Basic dynamic load rating (C) | 56.5 kN |
| Basic static load rating (C0) | 57.5 kN |
| Grease Lubrication Speed | 3 600 r/min |
| Oil Lubrication Speed | 4 300 r/min |
| Category | Single Row Ball Bearings |
| BDI Inventory | 0.9 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.57 |
| EAN | 0629176887622 |
| Product Group – BDI | 800308 |
| 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 | 120MM Bore; 180MM Outside Diameter; 19MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category – BDI | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.60 |
| Non Keyword String | Bearing |
| Manufacturer URL | http://www.nskamericas.com |
| Weight / LBS | 3.461 |
| Outside Diameter | 7.887 Inch 180 Millimeter |
| Bore | 4.724 Inch 120 Millimeter |
| Outer Race Width | 0.748 Inch 19 Millimeter |
| Bore diameter: | 120 mm |
| closure type: | Open |
| outside diameter: | 180 mm |
| internal clearances: | Normal Clearance |
| overall width: | 19 mm |
| manufacturer upc number: | 029176887622 |
| bore type: | Rounds |
| SK | 7.89 |
| SKT001 | 16024 |
| LangID | 1 |
| D | 180 |
| SREX | 0.63 |
| g | 19 |
| CAD | https://service.web2cad.co.jp/pcon/maker_login.php?Maker=NSK_R&language=sk&info=nsk_rb/roller_bearings/deep_groove_bb/single_row_dgb0/open_type_asmtab.prj&vart=STAN-1..(ORDER=16024).(ID=120).(D=180).(B=19).(R=1.0).(CR1=56500).(COR1=57500).(FO=16.5).(LG=3600).(LD=4300).(DM1=125.0).(DA3=0.8).(DA2=175.0).(RA=1.0).(PMSS=1.600 |
| hidTable | ecat_MSRDGB |
| oil rpm | 4300 |
| SH | 7.39 |
| max | 1.6 |
| GRS rpm | 3600 |
| ra | 1 |
| SKZ | 0.63 |
| D_a | 175 |
| SKIN | -0.03 |
| CB | 57.5 |
| Ta | 16.5 |
| SREN | -0.03 |
| DE_ | 164.288 |
| Prod_Type3 | DGBB_SH_OT |
| DA_ | 14.288 |
| hosp | 0 |
| Z | 17 |
| y01 | 16024 |
| C_conv | 56500 |
| ALPH | 0 |
| SOM | 150 |
| r | 1 |
| KBRG | 6101 |
| SBRG | 0 |
| DE | 135.712 |
| calc01 | /bearingGuide/html/calculation.jsp |