

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

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
(Gross) 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	0029176887622
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=skinfo=nsk_rb/roller_bearings/deep_groove_bb/single_row_dgb0/open_type_asmtab.prj&vart=STAN-1..(ORDER=16024).(ID=1203).(D=180).(B=19).(R=1.0).(CR1=50500).(COR1=57500).(FO=16.5).(LG=3600).(LD=4300).(DM1=125.0).(DA3=0.8).(DA2=175.0).(RA=1.0).(PMS5=1.600
hidTable	ecat_NSRDGB
oil rpm	496
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	56590
ALPH	0
SOM	150
r	1
KBRG	6101
SBRG	0
DL	135.712
calc01	/bearingGuide/html/calculation.jsp