



## Hangzhou Bru Bearing Import&Export Co...

120 mm x 180 mm x 19 mm NTN 16024 deep groove ball bearings



Bearing No. 16024

16024 Bearing 2D drawings and 3D CAD models

Size	120x180x19 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	19 mm
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	1,56 Kg
Basic dynamic load rating (C)	63 kN
Basic static load rating (C0)	63,5 kN
(Grease) Lubrication Speed	3 500 r/min
(Oil) Lubrication Speed	4 100 r/min
rs min	1 mm
Radial clearance class	CN
Mass	1.56 kg
Dynamic load, C	63 kN
Static load, C0	63.5 kN
Fatigue limit load, Cu	2.36 kN
f0	16.4
Nlim (oil)	4,100 rpm



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Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.85 Hz
Characteristic outer ring frequency, BPF0	7.64 Hz
Characteristic inner ring frequency, BRFI	9.36 Hz
da min	125 mm
Da max	175 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.59
EAN	4547359258585
Product Group	B00308
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



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	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.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	16024
Weight / LBS	3.492
Outer Race Width	0.748 Inch   19 Millimeter
Bore	4.724 Inch   120 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
bore diameter:	120 mm
precision rating:	Class 0
outside diameter:	180 mm
finish/coating:	Uncoated
overall width:	19 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	19 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	19 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	3500 rpm
internal clearance:	CN
maximum rpm (oil):	4100 rpm
operating temperature	-40 to 120 ° C



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range:	
fillet radius:	1 mm
dynamic load capacity:	63000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	63500 N