



**Bearing No. 16024**

D	180 mm
d	120 mm
B	19 mm
C	19 mm
f0	16.4
Mass	1.56 kg
Noun	Bearing
Bore	4.724 Inch   120 Millimeter
Weight	1,56 Kg
UNSPSC	31171504
rs min	1 mm
da min	125 mm
Da max	175 mm
ra max	1 mm
r min.	1 mm
Da max.	175 mm
ra max.	1 mm
da min.	125 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	120x180x19
Enclosure	Open
Width (mm)	19
bore type:	Round
Nlim (oil)	4,100 rpm
Weight / LBS	3.492
closure type:	Open
Inch - Metric	Metric

Cage Material	Steel
Nlim (grease)	3,500 rpm
Product Group	B00308
bore diameter:	120 mm
cage material:	Steel
overall width:	19 mm
Keyword String	Ball
fillet radius:	1 mm
Bearing number	16024
Dynamic load, C	63 kN
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Static load, C0	63.5 kN
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
Outside Diameter	7.087 Inch   180 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
inner ring width:	19 mm
outside diameter:	180 mm
precision rating:	Class 0
outer ring width:	19 mm
Weight / Kilogram	1.59

Internal Clearance	C0-Medium
maximum rpm (oil):	4100 rpm
Bore Diameter (mm)	120
Outer Diameter (mm)	180
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
maximum rpm (grease):	3500 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	63500 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	63000 N
Fatigue limit load, Cu	2.36 kN
(Oil) Lubrication Speed	4 100 r/min
Manufacturer Item Number	16024
Internal Special Features	No
(Grease) Lubrication Speed	3 500 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	63 kN
Basic static load rating (C0)	63,5 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	7.64 Hz
Characteristic inner ring frequency, BPF1	9.36 Hz
Characteristic rolling element frequency, BSF	9.85 Hz