

# 16019 NTN 95x145x16mm (Grease) Lubrication Speed 4 500 r/min Deep groove ball bearings

rs min	1 mm
Radial clearance class	CN
Mass	0.88 kg
Dynamic load, C	34.5 kN
Static load, C0	35 kN
Fatigue limit load, Cu	1.45 kN
f0	16.5
Nlim (oil)	5.300 rpm
Nlim (grease)	4.500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.54 Hz
Characteristic outer ring frequency, BPF0	9.14 Hz
Characteristic inner ring frequency, BRFI	10.86 Hz
da min	100 mm
Da max	140 mm
ra max	1 mm

Bearing number	16019
Size (mm)	95x145x16
Brand	NTN
Bore Diameter (mm)	95
Outer Diameter (mm)	145
Width (mm)	16
d	95 mm
D	145 mm
B	16 mm
C	16 mm
r min.	1 mm
da min.	100 mm
Da max.	140 mm
ra max.	1 mm
Weight	0.885 Kg
Basic dynamic load rating (C)	34.5 kN
Basic static load rating (C0)	35 kN
(Grease) Lubrication Speed	4 500 r/min
(Oil) Lubrication Speed	5 300 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.965
Product Group – BDI	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	95MM Bore; 145MM Outside Diameter; 16MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   Radial
Category – BDI	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>
Weight / LBS	2.0353
Outside Diameter	5.709 Inch   145 Millimeter
Bore	3.74 Inch   95 Millimeter
Outer Race Width	0.63 Inch   16 Millimeter
Inner Race Width	0 Inch   0 Millimeter