



Bearing No. 16019

D	145 mm
C	16 mm
B	16 mm
d	95 mm
f0	16.5
Noun	Bearing
Mass	0.88 kg
Bore	3.74 Inch 95 Millimeter
r min.	1 mm
UNSPSC	31171504
Weight	0,885 Kg
ra max	1 mm
Da max	140 mm
da min	100 mm
rs min	1 mm
da min.	100 mm
ra max.	1 mm
Da max.	140 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	95x145x16
Enclosure	Open
Nlim (oil)	5,300 rpm
Width (mm)	16
Weight / LBS	2.0353
Product Group	B00308
Nlim (grease)	4,500 rpm
Inch - Metric	Metric
Cage Material	Steel

Bearing number	16019
Keyword String	Ball
Other Features	Deep Groove Radial
Dynamic load, C	34.5 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	35 kN
Manufacturer URL	http://www.ntnamerica.com
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
Outside Diameter	5.709 Inch 145 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0.965
Manufacturer Name	NTN
Bore Diameter (mm)	95
Internal Clearance	C0-Medium
Outer Diameter (mm)	145
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	1.45 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	5 300 r/min
Internal Special Features	No
(Grease) Lubrication	4 500 r/min

Speed	
Basic dynamic load rating (C)	34,5 kN
Basic static load rating (C0)	35 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPFI	10.86 Hz
Characteristic outer ring frequency, BPF0	9.14 Hz
Characteristic rolling element frequency, BSF	11.54 Hz