



Bearing No. 6819

D	120 mm
d	95 mm
B	13 mm
C	13 mm
f0	16.1
Bore	3.74 Inch 95 Millimeter
Mass	0.3 kg
Noun	Bearing
Weight	0,3 Kg
Da max	115 mm
ra max	1 mm
rs min	1 mm
da min	100 mm
UNSPSC	31171504
r min.	1 mm
da max	101 mm
ra max.	1 mm
da min.	100 mm
Da max.	115 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	95x120x13
Snap Ring	No
Width (mm)	13
Nlim (oil)	5,900 rpm
Weight / LBS	0.631
Cage Material	Steel
Product Group	B00308
Nlim (grease)	5,000 rpm

Inch - Metric	Metric
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6819
Precision Class	ABEC 1 ISO P0
Static load, C0	20.5 kN
Rolling Element	Ball Bearing
Dynamic load, C	19.3 kN
Outer Race Width	0.512 Inch 13 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	95MM Bore; 120MM Outside Diameter; 13MM 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	4.724 Inch 120 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.286
Internal Clearance	C0-Medium
Bore Diameter (mm)	95
Outer Diameter (mm)	120
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	0.9 kN
(Oil) Lubrication Speed	5 900 r/min
Manufacturer Item	6819

Number	
Internal Special Features	No
(Grease) Lubrication Speed	5 000 r/min
Basic static load rating (C0)	20,5 kN
Basic dynamic load rating (C)	19,3 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic inner ring frequency, BPF1	13.33 Hz
Characteristic outer ring frequency, BPF0	11.67 Hz
Characteristic rolling element frequency, BSF	14.98 Hz