



### Bearing No. 6800

D	19 mm
C	5 mm
B	5 mm
d	10 mm
f0	14.8
Noun	Bearing
Mass	0.005 kg
Bore	0.394 Inch   10 Millimeter
r min.	0,3 mm
UNSPSC	31171504
Weight	0,005 Kg
ra max	0.3 mm
Da max	17 mm
da min	12 mm
rs min	0.3 mm
da max	12,5 mm
da min.	12 mm
Da max.	17 mm
ra max.	0,3 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	10x19x5
Enclosure	Open
Nlim (oil)	38,000 rpm
Width (mm)	5
Weight / LBS	0.011
Product Group	B00308
Nlim (grease)	32,000 rpm

Inch - Metric	Metric
Cage Material	Steel
Bearing number	6800
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	1.83 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Static load, C0	0.92 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	10MM Bore; 19MM Outside Diameter; 5MM 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
Outer Race Width	0.197 Inch   5 Millimeter
Outside Diameter	0.748 Inch   19 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Weight / Kilogram	0.005
Manufacturer Name	NTN
Bore Diameter (mm)	10
Internal Clearance	C0-Medium
Outer Diameter (mm)	19
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.04 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	38 000 r/min
Internal Special	No

Features	
(Grease) Lubrication Speed	32 000 r/min
Basic dynamic load rating (C)	1,83 kN
Basic static load rating (C0)	0,925 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPI	6.4 Hz
Characteristic outer ring frequency, BPF0	4.6 Hz
Characteristic rolling element frequency, BSF	5.93 Hz