



### Bearing No. 6811

D	72 mm
d	55 mm
B	9 mm
C	9 mm
f0	16.2
Bore	2.165 Inch   55 Millimeter
Noun	Bearing
Mass	0.08 kg
Da max	70 mm
rs min	0.3 mm
UNSPSC	31171504
r min.	0,3 mm
da min	57 mm
da max	59 mm
Weight	0,083 Kg
ra max	0.3 mm
Da max.	70 mm
da min.	57 mm
ra max.	0,3 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	55x72x9
Nlim (oil)	10,000 rpm
bore type:	Round
Width (mm)	9
Weight / LBS	0.178
Product Group	B00308

Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Nlim (grease)	8,700 rpm
Bearing number	6811
overall width:	9 mm
bore diameter:	55 mm
Keyword String	Ball
Static load, C0	8.1 kN
Dynamic load, C	8.8 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	55MM Bore; 72MM Outside Diameter; 9MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	2.835 Inch   72 Millimeter
Outer Race Width	0.354 Inch   9 Millimeter
Weight / Kilogram	0.08
outside diameter:	72 mm
Manufacturer Name	NTN
Bore Diameter (mm)	55
Internal Clearance	C0-Medium
Outer Diameter (mm)	72
internal clearance:	CN
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.37 kN
Harmonized Tariff Code	8482.10.50.68

Radial clearance class	CN
(Oil) Lubrication Speed	10 000 r/min
Manufacturer Item Number	6811
manufacturer upc number:	4547359006278
Internal Special Features	No
(Grease) Lubrication Speed	8 700 r/min
Basic dynamic load rating (C)	8,8 kN
Basic static load rating (C0)	8,1 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	11.82 Hz
Characteristic outer ring frequency, BPF0	10.18 Hz
Characteristic rolling element frequency, BSF	13.26 Hz