



# AMERICAN BEARING MFG.CORP.

## 80 mm x 110 mm x 16 mm NTN 6916 deep groove ball bearings



Bearing No. 6916

6916 Bearing 2D drawings and 3D CAD models

Size	80x110x16 mm
Bore Diameter	80 mm
Outer Diameter	110 mm
Width	16 mm
d	80 mm
D	110 mm
B	16 mm
C	16 mm
r min.	1 mm
da min.	85 mm
da max	88 mm
Da max.	105 mm
ra max.	1 mm
Weight	0,373 Kg
Basic dynamic load rating (C)	24,9 kN
Basic static load rating (C0)	24 kN
(Grease) Lubrication Speed	5 700 r/min
(Oil) Lubrication Speed	6 700 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.37 kg
Dynamic load, C	24.9 kN
Static load, C0	24 kN
Fatigue limit load, Cu	1.09 kN
f0	16.6



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Nlim (oil)	6,700 rpm
Nlim (grease)	5,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.85 Hz
Characteristic outer ring frequency, BPF0	8.63 Hz
Characteristic inner ring frequency, BRF1	10.37 Hz
da min	85 mm
Da max	105 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.379
Product Group	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	80MM Bore; 110MM Outside Diameter; 16MM



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	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
Category	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>
Manufacturer Item Number	6916
Weight / LBS	0.822
Outer Race Width	0.63 Inch   16 Millimeter
Bore	3.15 Inch   80 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter