



Bearing No. 6916

D	110 mm
C	16 mm
B	16 mm
d	80 mm
f0	16.6
Noun	Bearing
Mass	0.37 kg
Bore	3.15 Inch 80 Millimeter
r min.	1 mm
UNSPSC	31171504
Weight	0,373 Kg
ra max	1 mm
Da max	105 mm
da min	85 mm
rs min	1 mm
da max	88 mm
da min.	85 mm
Da max.	105 mm
ra max.	1 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	80x110x16
Enclosure	Open
Nlim (oil)	6,700 rpm
Width (mm)	16
Weight / LBS	0.822
Product Group	B00308
Nlim (grease)	5,700 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6916
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	24.9 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	24 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	80MM Bore; 110MM 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
Outer Race Width	0.63 Inch 16 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Weight / Kilogram	0.379
Manufacturer Name	NTN
Bore Diameter (mm)	80
Internal Clearance	C0-Medium
Outer Diameter (mm)	110
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.09 kN
(Oil) Lubrication Speed	6 700 r/min
Manufacturer Item Number	6916

Internal Special Features	No
(Grease) Lubrication Speed	5 700 r/min
Basic static load rating (C0)	24 kN
Basic dynamic load rating (C)	24,9 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	10.37 Hz
Characteristic outer ring frequency, BPF0	8.63 Hz
Characteristic rolling element frequency, BSF	10.85 Hz