



Bearing No. 16016

D	125 mm
d	80 mm
B	14 mm
C	14 mm
f0	16.4
Bore	3.15 Inch 80 Millimeter
Mass	0.6 kg
Noun	Bearing
Weight	0,597 Kg
Da max	121 mm
ra max	0.6 mm
rs min	0.6 mm
UNSPSC	31171504
da min	84 mm
r min.	0,6 mm
da min.	84 mm
Da max.	121 mm
ra max.	0,6 mm
Category	Single Row Ball Bearing
Snap Ring	No
Enclosure	Open
Size (mm)	80x125x14
Inventory	0.0
Width (mm)	14
Nlim (oil)	6,200 rpm
Weight / LBS	1.392
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	5,300 rpm
Product Group	B00308

Keyword String	Ball
Bearing number	16016
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	25.1 kN
Dynamic load, C	25.4 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	80MM Bore; 125MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.551 Inch 14 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.631
Internal Clearance	C0-Medium
Bore Diameter (mm)	80
Outer Diameter (mm)	125
Minimum Buy Quantity	N/A
Radial clearance class	CN
Fatigue limit load, Cu	1.13 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	6 200 r/min
Manufacturer Item Number	16016
Internal Special Features	No
(Grease) Lubrication Speed	5 300 r/min

Basic static load rating (C0)	25,1 kN
Basic dynamic load rating (C)	25,4 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPI	10.85 Hz
Characteristic outer ring frequency, BPO	9.15 Hz
Characteristic rolling element frequency, BSF	11.66 Hz