



Bearing No. 16021

D	160 mm
d	105 mm
B	18 mm
C	18 mm
f0	16.3
Mass	1.2 kg
Bore	4.134 Inch 105 Millimeter
Noun	Bearing
UNSPSC	31171504
Da max	155 mm
rs min	1 mm
r min.	1 mm
da min	110 mm
Weight	1,2 Kg
ra max	1 mm
Da max.	155 mm
ra max.	1 mm
da min.	110 mm
Category	Single Row Ball Bearing
Size (mm)	105x160x18
Inventory	0.0
Snap Ring	No
Enclosure	Open
Nlim (oil)	4,700 rpm
Width (mm)	18
Weight / LBS	2.718
Nlim (grease)	4,000 rpm
Inch - Metric	Metric
Cage Material	Steel

Product Group	B00308
Keyword String	Ball
Bearing number	16021
Static load, C0	50.5 kN
Dynamic load, C	52 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	105MM Bore; 160MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Weight / Kilogram	1.231
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	105
Outer Diameter (mm)	160
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	1.99 kN
(Oil) Lubrication Speed	4 700 r/min
Manufacturer Item Number	16021
Internal Special Features	No
(Grease) Lubrication	4 000 r/min

Speed	
Basic static load rating (C0)	50,5 kN
Basic dynamic load rating (C)	52 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	9.37 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic rolling element frequency, BSF	9.72 Hz