



NTN DRIVESHAFT,INC.

105 mm x 160 mm x 18 mm NTN 16021 Deep Groove Ball Bearings



Bearing No. 16021

Size	105x160x18 mm
Bore Diameter	105 mm
Outer Diameter	160 mm
Width	18 mm
d	105 mm
D	160 mm
B	18 mm
C	18 mm
r min.	1 mm
da min.	110 mm
Da max.	155 mm
ra max.	1 mm
Weight	1,2 Kg
Basic dynamic load rating (C)	52 kN
Basic static load rating (C0)	50,5 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	4 700 r/min
rs min	1 mm
Radial clearance class	CN
Mass	1.2 kg
Dynamic load, C	52 kN
Static load, C0	50.5 kN
Fatigue limit load, Cu	1.99 kN
f0	16.3
Nlim (oil)	4,700 rpm

16021 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	4,000 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	9.72 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic inner ring frequency, BRF1	9.37 Hz
da min	110 mm
Da max	155 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.231
EAN	4547359258554
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	105MM Bore; 160MM Outside Diameter; 18MM



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	Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	16021
Weight / LBS	2.718
Bore	4.134 Inch 105 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter