



NTN DRIVESHAFT,INC.

105 mm x 225 mm x 49 mm NTN 6321 Deep Groove Ball Bearings

Bearing No. 6321



6321 Bearing 2D drawings and 3D CAD models

Size	105x225x49 mm
Bore Diameter	105 mm
Outer Diameter	225 mm
Width	49 mm
d	105 mm
D	225 mm
B	49 mm
C	49 mm
r min.	3 mm
da min.	118 mm
da max	134 mm
Da max.	212 mm
ra max.	2,5 mm
Weight	8,05 Kg
Basic dynamic load rating (C)	184 kN
Basic static load rating (C0)	153 kN
(Grease) Lubrication Speed	3 000 r/min
(Oil) Lubrication Speed	3 600 r/min
rs min	3 mm
Radial clearance class	CN
Mass	8.05 kg
Dynamic load, C	184 kN
Static load, C0	153 kN
Fatigue limit load, Cu	5.4 kN
f0	13.2



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Nlim (oil)	3,600 rpm
Nlim (grease)	3,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.1 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BRF1	4.92 Hz
da min	118 mm
Da max	212 mm
ra max	2.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	8.09
EAN	4547359402933
Product Group	B04334
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



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Long Description	105MM Bore; 225MM Outside Diameter; 49MM 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	6321
Weight / LBS	17.813
Outside Diameter	8.858 Inch 225 Millimeter
Bore	4.134 Inch 105 Millimeter
Outer Race Width	1.929 Inch 49 Millimeter
outside diameter:	5.1875 in
series:	63
cup width:	1.7500 in
finish/coating:	Uncoated
single or double cup:	Single Cup
manufacturer product page:	Click here
material:	Case Carburized Steel
manufacturer upc number:	4547359402933
fillet radius:	0.13 in