



NTN DRIVESHAFT,INC.

105 mm x 130 mm x 13 mm NTN 6821 Deep Groove Ball Bearings



Bearing No. 6821

Size	105x130x13 mm
Bore Diameter	105 mm
Outer Diameter	130 mm
Width	13 mm
d	105 mm
D	130 mm
B	13 mm
C	13 mm
r min.	1 mm
da min.	110 mm
Da max.	125 mm
ra max.	1 mm
Weight	0,33 Kg
Basic dynamic load rating (C)	19,8 kN
Basic static load rating (C0)	22 kN
(Grease) Lubrication Speed	4 600 r/min
(Oil) Lubrication Speed	5 400 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.33 kg
Dynamic load, C	19.8 kN
Static load, C0	22 kN
Fatigue limit load, Cu	0.92 kN
f0	15.9
Nlim (oil)	5,400 rpm

6821 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	4,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.39 Hz
Characteristic outer ring frequency, BPF0	12.68 Hz
Characteristic inner ring frequency, BRF1	14.32 Hz
da min	110 mm
Da max	125 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.314
EAN	4547359413977
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; 130MM Outside Diameter; 13MM



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	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
Other Features	Deep Groove
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	6821
Weight / LBS	0.692
Bore	4.134 Inch 105 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter