



NTN BEARING CORP.OF America LTD.

55 mm x 100 mm x 21 mm NTN 6211 Bearing



Bearing No. 6211

Size	55x100x21 mm
Bore Diameter	55 mm
Outer Diameter	100 mm
Width	21 mm
d	55 mm
D	100 mm
B	21 mm
C	21 mm
r min.	1,5 mm
da min.	63 mm
da max	67 mm
Da max.	92 mm
ra max.	1,5 mm
Weight	0,601 Kg
Basic dynamic load rating (C)	43,5 kN
Basic static load rating (C0)	29,2 kN
(Grease) Lubrication Speed	6 400 r/min
(Oil) Lubrication Speed	7 600 r/min
rs min	1.5 mm
Radial clearance class	CN
Mass	0.6 kg
Dynamic load, C	43.5 kN
Static load, C0	29.2 kN
Fatigue limit load, Cu	1.33 kN
f0	14.3
Nlim (oil)	7,600 rpm

6211 Bearing 2D drawings and 3D CAD models



NTN BEARING CORP.OF America LTD.

Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.24 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BPF1	5.92 Hz
da min	63 mm
Da max	92 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.61
EAN	4547359004816
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	55MM Bore; 100MM



NTN BEARING CORP.OF America LTD.

	Outside Diameter; 21MM 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	6211
Weight / LBS	1.333
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
Bore	2.165 Inch 55 Millimeter
bore diameter:	55 mm
precision rating:	Class 0
outside diameter:	100 mm
finish/coating:	Uncoated
overall width:	21 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	21 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	21 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6400 rpm
internal clearance:	CN
maximum rpm (oil):	7600 rpm



NTN BEARING CORP.OF America LTD.

operating temperature range:	-40 to 120 ° C
fillet radius:	1.5 mm
dynamic load capacity:	43500 N
manufacturer product page:	Click here
static load capacity:	29200 N