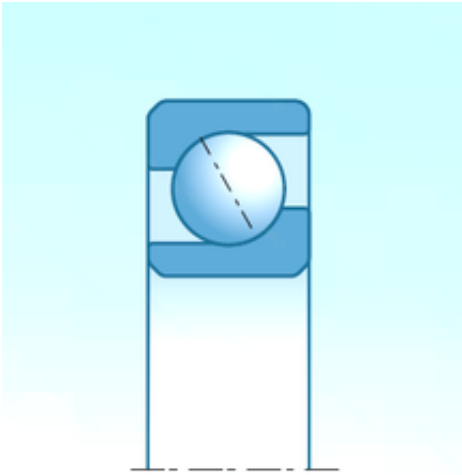




Bearing No. 7211BG

C	21,000 mm
a	43 mm
d	55,000 mm
D	100,000 mm
B	21,000 mm
Noun	Bearing
Mass	0.61 kg
Bore	2.165 Inch 55 Millimeter
Width	0.827 Inch 21 Millimeter
Db max	94.5 mm
ra max	1 mm
Da max	91.5 mm
db min	60.5 mm
da min	63.5 mm
UNSPSC	31171531
rs min	1.5 mm
series:	72B
r1s min	1 mm
weight:	0.616 kg
r1a max	1 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	55x100x21
bore type:	Round
Width (mm)	21,000
Nlim (oil)	8,200 rpm

Flush Ground	Yes
maximum rpm:	8200 rpm
Weight / LBS	1.361
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	6,100 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7211BG
Keyword String	Angular Contact
bore diameter:	55 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	1.5 mm
overall width:	21 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	36 kN
Dynamic load, C	46.5 kN
Rolling Element	Ball Bearing
Contact angle ?	40 °
Long Description	55MM Bore; 100MM Outside Diameter; 21MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.937 Inch 100 Millimeter
outer ring width:	21 mm

precision rating:	ISO Class 0
Weight / Kilogram	0.617
outside diameter:	100 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	55,000
Number of Bearings	1 (Single)
Outer Diameter (mm)	100,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	1.64 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7211BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	36000 N
radial dynamic load capacity:	46500 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.44 Hz
Characteristic inner ring frequency, BPF1	8.56 Hz
Characteristic rolling element frequency, BSF	5.32 Hz