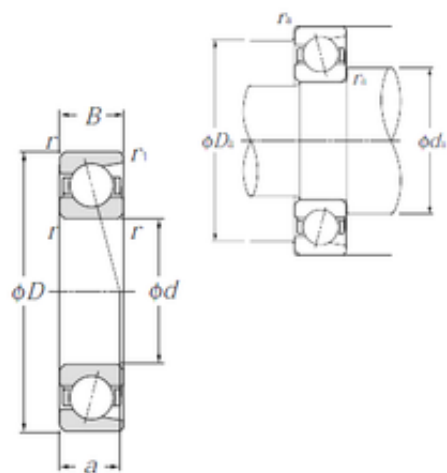




Bearing No. 7211B

D	100 mm
d	55 mm
B	21 mm
C	21 mm
a	43 mm
Noun	Bearing
Mass	0.61 kg
Bore	2.165 Inch 55 Millimeter
Width	0.827 Inch 21 Millimeter
Weight	0,612 Kg
Db max	94.5 mm
ra max	1 mm
rs min	1.5 mm
da min	63.5 mm
Da max	91.5 mm
r min.	1,5 mm
UNSPSC	31171531
db min	60,5 mm
ra max.	1,5 mm
weight:	0.616 kg
r1a max	1 mm
series:	72B
r1 min.	1 mm
r1s min	1 mm
da min.	63,5 mm
Category	Angular Contact Ball Bearing
Size (mm)	55x100x21
Inventory	0.0

Snap Ring	No
Enclosure	Open
Width (mm)	21
Nlim (oil)	8,200 rpm
bore type:	Round
Flush Ground	No
maximum rpm:	8200 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Nlim (grease)	6,100 rpm
closure type:	Open
cage material:	Steel
fillet radius:	1.5 mm
bore diameter:	55 mm
contact angle:	40 °
Bearing number	7211B
Keyword String	Angular Contact
overall width:	21 mm
Dynamic load, C	46.5 kN
Static load, C0	36 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Angle (?)	40 °
Rolling Element	Ball Bearing
Contact angle ?	40 °
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	55MM Bore; 100MM Outside Diameter; 21MM Width; Open; No Flush Ground; Ball Bearing; Single Row of

	Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single)
Manufacturer URL	http://www.ntnamerica.com
outside diameter:	100 mm
precision rating:	ISO Class 0
outer ring width:	21 mm
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0
Manufacturer Name	NTN
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Outer Diameter (mm)	100
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	1.64 kN
Number of Rows of Balls	Single Row
(Grease) Lubrication Speed	6 100 r/min
manufacturer product page:	Click here
radial static load capacity:	36000 N
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	36 kN
Basic dynamic load	46,5 kN

rating (C)	
radial dynamic load capacity:	46500 N
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °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, BPFI	8.56 Hz
Characteristic rolling element frequency, BSF	5.32 Hz