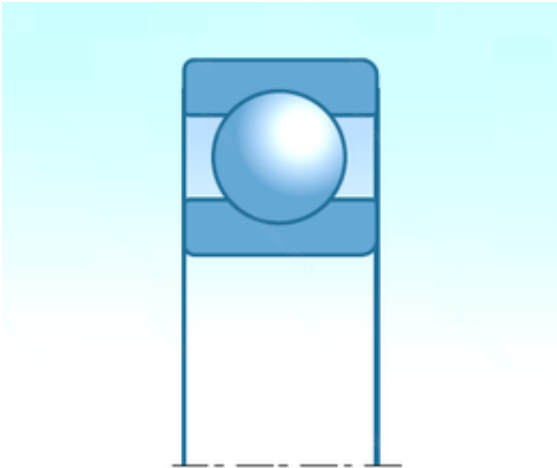




Bearing No. 6210LU

C	20,000 mm
d	50,000 mm
D	90,000 mm
B	20,000 mm
f0	14.4
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Mass	0.45 kg
ra max	1 mm
Da max	83.5 mm
rs min	1.1 mm
da min	56.5 mm
da max	60 mm
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	50x90x20
Inventory	0.0
Enclosure	1 Seal
bore type:	Round
Width (mm)	20,000
Weight / LBS	0.974
maximum rpm:	8300 RPM
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	4,700 rpm
closure type:	Single Seal

Keyword String	Ball
overall width:	20 mm
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C
cage material:	Steel
fillet radius:	1.1 mm
Enclosure Type	Contact Seal
bore diameter:	50 mm
Bearing number	6210LU
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	35 kN
Static load, C0	23.2 kN
finish/coating:	Uncoated
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	50MM Bore; 90MM Outside Diameter; 20MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.787 Inch 20 Millimeter
outer ring width:	20 mm
inner ring width:	20 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	90 mm
precision rating:	ISO Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.442
Internal Clearance	C0-Medium
Bore Diameter (mm)	50,000
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	90,000
Minimum Buy Quantity	N/A
maximum rpm (grease):	4700 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	23200 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.05 kN
dynamic load capacity:	35000 N
Radial clearance class	CN
Manufacturer Item Number	6210LU
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring	5.91 Hz

frequency, BPFI	
Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic rolling element frequency, BSF	5.33 Hz