



Bearing No. 6210

D	90 mm
d	50 mm
B	20 mm
C	20 mm
f0	14.4
Mass	0.45 kg
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
UNSPSC	31171504
da min	56.5 mm
Weight	0,454 Kg
rs min	1.1 mm
Da max	83.5 mm
r min.	1,1 mm
ra max	1 mm
da max	60 mm
Da max.	83,5 mm
ra max.	1 mm
da min.	56,5 mm
Category	Single Row Ball Bearing
Size (mm)	50x90x20
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	8,300 rpm
Width (mm)	20
Weight / LBS	1.02
Product Group	B00308

Nlim (grease)	7,100 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	50 mm
Other Features	Deep Groove
overall width:	20 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6210
Dynamic load, C	35 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
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; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	0.787 Inch 20 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0.454
outer ring width:	20 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	90 mm
precision rating:	Class 0
Manufacturer Name	NTN
inner ring width:	20 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	8300 rpm
Bore Diameter (mm)	50
Outer Diameter (mm)	90
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	23200 N
maximum rpm (grease):	7100 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	1.05 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	35000 N
Radial clearance class	CN
(Oil) Lubrication Speed	8 300 r/min
Manufacturer Item Number	6210
Internal Special Features	No
(Grease) Lubrication Speed	7 100 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	23,2 kN
Basic dynamic load rating (C)	35 kN

Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic inner ring frequency, BPFI	5.91 Hz
Characteristic rolling element frequency, BSF	5.33 Hz