



BEARING USA CORP.

50 mm x 110 mm x 27 mm 6210 Ceramic Bearing



Bearing No. 6310

6310 Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	59 mm
da max	68,5 mm
Da max.	101 mm
ra max.	2 mm
Weight	1,07 Kg
Basic dynamic load rating (C)	62 kN
Basic static load rating (C0)	38,5 kN
(Grease) Lubrication Speed	6 400 r/min
(Oil) Lubrication Speed	7 500 r/min
rs min	2 mm
Radial clearance class	CN
Mass	1.07 kg
Dynamic load, C	62 kN
Static load, C0	38.5 kN
Fatigue limit load, Cu	1.75 kN
f0	13.2



BEARING USA CORP.

Nlim (oil)	7,500 rpm
Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRF1	4.93 Hz
da min	59 mm
Da max	101 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.051
EAN	4547359005639
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



BEARING USA CORP.

Long Description	50MM Bore; 110MM Outside Diameter; 27MM 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	6310
Weight / LBS	2.32
Outer Race Width	1.063 Inch 27 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Bore	1.969 Inch 50 Millimeter
bore diameter:	50 mm
precision rating:	Class 0
outside diameter:	110 mm
finish/coating:	Uncoated
overall width:	27 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	27 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	27 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6400 rpm
internal clearance:	CN



BEARING USA CORP.

maximum rpm (oil):	7500 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	62000 N
manufacturer product page:	Click here
static load capacity:	38500 N