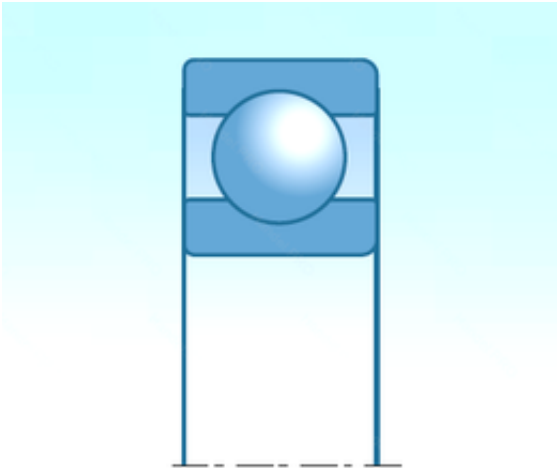




Bearing No. 6310LU

D	110,000 mm
d	50,000 mm
B	27,000 mm
C	27,000 mm
f0	13.2
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Mass	1.07 kg
ra max	2 mm
Da max	101 mm
da max	68.5 mm
da min	59 mm
UNSPSC	31171504
rs min	2 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	50x110x27
Enclosure	1 Seal
Inventory	0.0
Width (mm)	27,000
Weight / LBS	2.36
Inch - Metric	Metric
Nlim (grease)	4,200 rpm
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Enclosure Type	Contact Seal
Bearing number	6310LU
Precision Class	ABEC 1 ISO P0

Dynamic load, C	62 kN
Rolling Element	Ball Bearing
Static load, C0	38.5 kN
Outer Race Width	1.063 Inch 27 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	NTN
Weight / Kilogram	1.07
Bore Diameter (mm)	50,000
Internal Clearance	C3-Loose
Outer Diameter (mm)	110,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	1.75 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Manufacturer Item Number	6310LU
Internal Special Features	No
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.38 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz
Characteristic rolling element frequency, BSF	4.07 Hz