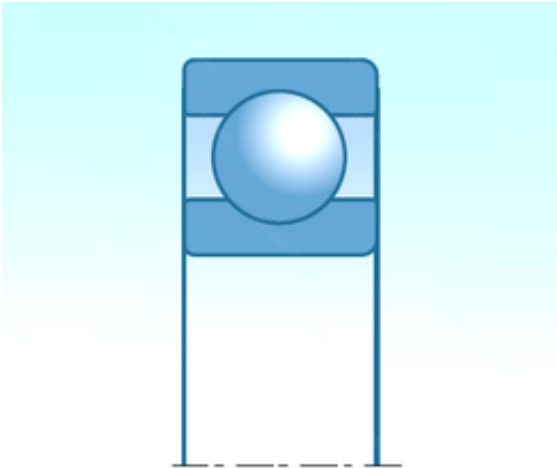




Bearing No. 6010LU

D	80,000 mm
d	50,000 mm
B	16,000 mm
C	16,000 mm
f0	15.5
Noun	Bearing
Mass	0.26 kg
Bore	1.969 Inch 50 Millimeter
UNSPSC	31171504
da min	55 mm
da max	57.5 mm
rs min	1 mm
Da max	75 mm
ra max	1 mm
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	50x80x16
Snap Ring	No
bore type:	Round
Width (mm)	16,000
maximum rpm:	9800 RPM
Weight / LBS	0.559
Nlim (grease)	5,000 rpm
closure type:	Single Seal
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308

Keyword String	Ball
bore diameter:	50 mm
overall width:	16 mm
cage material:	Steel
Enclosure Type	Contact Seal
Bearing number	6010LU
fillet radius:	1 mm
Dynamic load, C	21.8 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Static load, C0	16.6 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.63 Inch 16 Millimeter
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	3.15 Inch 80 Millimeter
outside diameter:	80 mm
precision rating:	ISO Class 0
outer ring width:	16 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	0.253
inner ring width:	16 mm
Bore Diameter (mm)	50,000
Internal Clearance	C0-Medium
internal clearance:	CN

Outer Diameter (mm)	80,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	5000 rpm
static load capacity:	16600 N
Radial clearance class	CN
Fatigue limit load, Cu	0.75 kN
dynamic load capacity:	21800 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6010LU
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	110 °C
Min operating temperature, Tmin	-25 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	7.94 Hz
Characteristic outer ring frequency, BPF0	6.06 Hz
Characteristic rolling element frequency, BSF	7.31 Hz