



6010LU Bearing 2D drawings and 3D CAD models

50,000 mm x 80,000 mm x 16,000 mm NTN  
6010LU deep groove ball bearings

Bearing No. 6010LU

Size	50x80x16 mm
Bore Diameter	50,000 mm
Outer Diameter	80,000 mm
Width	16,000 mm
d	50,000 mm
D	80,000 mm
B	16,000 mm
C	16,000 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.26 kg
Dynamic load, C	21.8 kN
Static load, C0	16.6 kN
Fatigue limit load, Cu	0.75 kN
f0	15.5
Nlim (grease)	5,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.31 Hz
Characteristic outer ring frequency, BPF0	6.06 Hz
Characteristic inner ring	7.94 Hz



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frequency, BPFI	
da min	55 mm
da max	57.5 mm
Da max	75 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.253
EAN	4547359331790
Product Group	B00308
Enclosure	1 Seal
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
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6010LU
Weight / LBS	0.559
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.969 Inch   50 Millimeter
Outer Race Width	0.63 Inch   16 Millimeter
bore diameter:	50 mm
precision rating:	ISO Class 0
outside diameter:	80 mm
finish/coating:	Uncoated
overall width:	16 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	16 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	5000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	9800 RPM
dynamic load capacity:	21800 N
series:	60
static load capacity:	16600 N
manufacturer product page:	<a href="#">Click here</a>