



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



Changzhou Suma Precision Machinery Co...

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



Changzhou Suma Precision Machinery Co...

Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
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:	Click here