



## NTN Bearing Manufacturing



6301LU Bearing 2D drawings and 3D CAD models

12,000 mm x 37,000 mm x 12,000 mm NTN  
6301LU deep groove ball bearings

Bearing No. 6301LU

Size	12x37x12 mm
Bore Diameter	12,000 mm
Outer Diameter	37,000 mm
Width	12,000 mm
d	12,000 mm
D	37,000 mm
B	12,000 mm
C	12,000 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.06 kg
Dynamic load, C	9.7 kN
Static load, C0	4.2 kN
Fatigue limit load, Cu	0.19 kN
f0	11.1
Nlim (grease)	15,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.34 Hz
Characteristic rolling element frequency, BSF	2.76 Hz
Characteristic outer ring frequency, BPF0	2.03 Hz
Characteristic inner ring	3.97 Hz



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frequency, BPFI	
da min	17 mm
da max	18.5 mm
Da max	32 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359380668
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	12MM Bore; 37MM Outside Diameter; 12MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Other Features	Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C
Category	Single Row Ball Bearing



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UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6301LU
Weight / LBS	0.132
Bore	0.472 Inch   12 Millimeter
Outside Diameter	1.457 Inch   37 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter