



Bearing No. 6001LU

D	28,000 mm
d	12,000 mm
B	8,000 mm
C	8,000 mm
f0	13.2
Noun	Bearing
Mass	0.02 kg
Bore	0.472 Inch 12 Millimeter
UNSPSC	31171504
da min	14 mm
da max	16 mm
rs min	0.3 mm
Da max	26 mm
ra max	0.3 mm
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	12x28x8
Snap Ring	No
bore type:	Round
Width (mm)	8,000
maximum rpm:	30000 RPM
Weight / LBS	0.049
Nlim (grease)	18,000 rpm
closure type:	Single Seal
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308

Keyword String	Ball
bore diameter:	12 mm
overall width:	8 mm
cage material:	Steel
Enclosure Type	Contact Seal
Bearing number	6001LU
fillet radius:	0.3 mm
Dynamic load, C	5.1 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Static load, C0	2.39 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	1.102 Inch 28 Millimeter
Long Description	12MM Bore; 28MM Outside Diameter; 8MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.315 Inch 8 Millimeter
outside diameter:	28 mm
precision rating:	ISO Class 0
outer ring width:	8 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	0.02
inner ring width:	8 mm
Bore Diameter (mm)	12,000
Internal Clearance	C0-Medium

Outer Diameter (mm)	28,000
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	18000 rpm
static load capacity:	2390 N
Radial clearance class	CN
Fatigue limit load, Cu	0.11 kN
dynamic load capacity:	5100 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6001LU/5C
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	0.38 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic rolling element frequency, BSF	4.07 Hz