



**Bearing No. 6001LB**

C	8,000 mm
d	12,000 mm
D	28,000 mm
B	8,000 mm
f0	13.2
Bore	0.472 Inch   12 Millimeter
Mass	0.02 kg
Noun	Bearing
da min	14 mm
ra max	0.3 mm
Da max	26 mm
rs min	0.3 mm
da max	16 mm
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Enclosure	1 Seal
Size (mm)	12x28x8
Inventory	0.0
Nlim (oil)	30,000 rpm
Width (mm)	8,000
Weight / LBS	0.0546
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	26,000 rpm
Product Group	B00308
Enclosure Type	Non-Contact Seal
Keyword String	Ball
Other Features	Deep Groove   Non-Friction Nitrile Rubber

	Seal
Bearing number	6001LB
Dynamic load, C	5.1 kN
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Static load, C0	2.39 kN
Outside Diameter	1.102 Inch   28 Millimeter
Long Description	12MM Bore; 28MM Outside Diameter; 8MM 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; No
Outer Race Width	0.315 Inch   8 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Name	NTN
Weight / Kilogram	0.019
Internal Clearance	C0-Medium
Bore Diameter (mm)	12,000
Outer Diameter (mm)	28,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.11 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Internal Special Features	No
Max operating temperature, Tmax	110 °C

Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-25 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
Characteristic rolling element frequency, BSF	4.07 Hz