



**Bearing No. 6203LU**

D	40,000 mm
d	17,000 mm
B	12,000 mm
C	12,000 mm
f0	12.8
Noun	Bearing
Mass	0.07 kg
Bore	0.669 Inch   17 Millimeter
UNSPSC	31171504
da min	21 mm
da max	23 mm
rs min	0.6 mm
Da max	36 mm
ra max	0.6 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	17x40x12
Snap Ring	No
bore type:	Round
Width (mm)	12,000
maximum rpm:	21000 RPM
Weight / LBS	0.138
Nlim (grease)	12,000 rpm
closure type:	Single Seal
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308

Keyword String	Ball
bore diameter:	17 mm
overall width:	12 mm
cage material:	Steel
Enclosure Type	Contact Seal
Bearing number	6203LU
fillet radius:	0.6 mm
Dynamic load, C	9.6 kN
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Static load, C0	4.6 kN
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outside Diameter	1.575 Inch   40 Millimeter
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.472 Inch   12 Millimeter
outside diameter:	40 mm
precision rating:	ISO Class 0
outer ring width:	12 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	0.062
inner ring width:	12 mm
Bore Diameter (mm)	17,000
Internal Clearance	C0-Medium

internal clearance:	CN
Outer Diameter (mm)	40,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	12000 rpm
static load capacity:	4600 N
Radial clearance class	CN
Fatigue limit load, Cu	0.21 kN
dynamic load capacity:	9600 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6203LU
Internal Special Features	No
manufacturer product page:	<a href="#">Click here</a>
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	4.37 Hz
Characteristic outer ring frequency, BPF0	2.63 Hz
Characteristic rolling element frequency, BSF	3.78 Hz