



NTN DRIVESHAFT ANDERSON, INC.



6203lu Bearing 2D drawings and 3D CAD models

NTN Deep Groove Ball Bearing 6203lu 6003 6106 6211 6003 6401 600122 Gt2 Bearing 6205 Rz

Bearing No. 6203lu

Size	17x40x12 mm
Bore Diameter	17,000 mm
Outer Diameter	40,000 mm
Width	12,000 mm
d	17,000 mm
D	40,000 mm
B	12,000 mm
C	12,000 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.07 kg
Dynamic load, C	9.6 kN
Static load, C0	4.6 kN
Fatigue limit load, Cu	0.21 kN
f0	12.8
Nlim (grease)	12,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.78 Hz
Characteristic outer ring frequency, BPF0	2.63 Hz
Characteristic inner ring	4.37 Hz



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frequency, BPFI	
da min	21 mm
da max	23 mm
Da max	36 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.062
EAN	4547359351620
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	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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6203LU
Weight / LBS	0.138
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.575 Inch 40 Millimeter
Bore	0.669 Inch 17 Millimeter
bore diameter:	17 mm
precision rating:	ISO Class 0
outside diameter:	40 mm
finish/coating:	Uncoated
overall width:	12 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	12 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	12000 rpm
internal clearance:	CN
fillet radius:	0.6 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	21000 RPM
dynamic load capacity:	9600 N
series:	62
static load capacity:	4600 N
manufacturer product page:	Click here