



## BEARING FORGE OF AMERICA CORP.



6205lu Bearing 2D drawings and 3D CAD models

25,000 mm x 52,000 mm x 15,000 mm ntn  
6205lu bearing

Bearing No. 6205lu

Size	25x52x15 mm
Bore Diameter	25,000 mm
Outer Diameter	52,000 mm
Width	15,000 mm
d	25,000 mm
D	52,000 mm
B	15,000 mm
C	15,000 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.13 kg
Dynamic load, C	14 kN
Static load, C0	7.85 kN
Fatigue limit load, Cu	0.36 kN
f0	13.9
Nlim (grease)	8,900 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.71 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic inner ring	5.42 Hz



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frequency, BPFI	
da min	30 mm
da max	32 mm
Da max	47 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.123
EAN	4547359356342
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	25MM Bore; 52MM Outside Diameter; 15MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6205LU
Weight / LBS	0.272
Outside Diameter	2.047 Inch   52 Millimeter
Outer Race Width	0.591 Inch   15 Millimeter
Bore	0.984 Inch   25 Millimeter
bore diameter:	25 mm
precision rating:	ISO Class 0
outside diameter:	52 mm
finish/coating:	Uncoated
overall width:	15 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	15 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	15 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	8900 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	15000 RPM
dynamic load capacity:	14000 N
series:	62
static load capacity:	7850 N
manufacturer product page:	<a href="#">Click here</a>