



Bearing No. 6205LU

D	52,000 mm
d	25,000 mm
B	15,000 mm
C	15,000 mm
f0	13.9
Noun	Bearing
Mass	0.13 kg
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171504
da min	30 mm
da max	32 mm
rs min	1 mm
Da max	47 mm
ra max	1 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	25x52x15
Snap Ring	No
bore type:	Round
Width (mm)	15,000
maximum rpm:	15000 RPM
Weight / LBS	0.272
Nlim (grease)	8,900 rpm
closure type:	Single Seal
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308

Keyword String	Ball
bore diameter:	25 mm
overall width:	15 mm
cage material:	Steel
Enclosure Type	Contact Seal
Bearing number	6205LU
fillet radius:	1 mm
Dynamic load, C	14 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Static load, C0	7.85 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.591 Inch 15 Millimeter
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
Outside Diameter	2.047 Inch 52 Millimeter
outside diameter:	52 mm
precision rating:	ISO Class 0
outer ring width:	15 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	0.123
inner ring width:	15 mm
Bore Diameter (mm)	25,000
Internal Clearance	C0-Medium

internal clearance:	CN
Outer Diameter (mm)	52,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8900 rpm
static load capacity:	7850 N
Radial clearance class	CN
Fatigue limit load, Cu	0.36 kN
dynamic load capacity:	14000 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6205LU
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	0.4 Hz
Characteristic inner ring frequency, BPFI	5.42 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic rolling element frequency, BSF	4.71 Hz