



Bearing No. 6209LU

D	85,000 mm
d	45,000 mm
B	19,000 mm
C	19,000 mm
f0	14.1
Mass	0.4 kg
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
UNSPSC	31171504
da min	51.5 mm
da max	55.5 mm
rs min	1.1 mm
Da max	78.5 mm
ra max	1 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	45x85x19
Enclosure	1 Seal
Snap Ring	No
Width (mm)	19,000
bore type:	Round
Weight / LBS	0.92
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Single Seal
Nlim (grease)	5,200 rpm
Keyword String	Ball
Other Features	Deep Groove Double Lip Friction Nitrile

	Rubber Seal -20 To 120 Deg C
Enclosure Type	Contact Seal
bore diameter:	45 mm
overall width:	19 mm
Bearing number	6209LU
cage material:	Steel
fillet radius:	1.1 mm
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	32.5 kN
Static load, C0	20.4 kN
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	45MM Bore; 85MM Outside Diameter; 19MM 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; C
outside diameter:	85 mm
bearing material:	High Carbon Chrome Steel
outer ring width:	19 mm
inner ring width:	19 mm
Manufacturer Name	NTN

precision rating:	ISO Class 0
Weight / Kilogram	0.388
Bore Diameter (mm)	45,000
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	85,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
static load capacity:	20400 N
maximum rpm (grease):	5200 rpm
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
Fatigue limit load, Cu	0.93 kN
dynamic load capacity:	32500 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6209LU
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, BPF1	5.38 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz

Characteristic rolling element frequency, BSF	4.92 Hz
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