



Bearing No. 6214LU

D	125,000 mm
d	70,000 mm
B	24,000 mm
C	24,000 mm
f0	14.5
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Mass	1.07 kg
ra max	1.5 mm
rs min	1.5 mm
Da max	117 mm
da max	85 mm
da min	78 mm
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	70x125x24
Enclosure	1 Seal
bore type:	Round
Width (mm)	24,000
Weight / LBS	2.3258
Nlim (grease)	3,400 rpm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
closure type:	Single Seal
Keyword String	Ball
bore diameter:	70 mm

Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C
overall width:	24 mm
cage material:	Steel
fillet radius:	1.5 mm
Enclosure Type	Contact Seal
Bearing number	6214LU
Dynamic load, C	62 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	44 kN
Rolling Element	Ball Bearing
Outer Race Width	0.945 Inch 24 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	70MM Bore; 125MM Outside Diameter; 24MM 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;
Manufacturer URL	http://www.ntnamerica.com
inner ring width:	24 mm
outer ring width:	24 mm
precision rating:	ISO Class 0
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN

Weight / Kilogram	1.057
outside diameter:	125 mm
Bore Diameter (mm)	70,000
Internal Clearance	C0-Medium
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	125,000
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	44000 N
maximum rpm (grease):	3400 rpm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	62000 N
Radial clearance class	CN
Fatigue limit load, Cu	2 kN
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.1 Hz
Characteristic inner ring frequency, BPFI	5.9 Hz
Characteristic rolling element frequency, BSF	5.4 Hz

