



Bearing No. 6307LU

D	80,000 mm
d	35,000 mm
B	21,000 mm
C	21,000 mm
f0	13.1
Mass	0.46 kg
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
UNSPSC	31171504
da min	43 mm
da max	47 mm
rs min	1.5 mm
Da max	72 mm
ra max	1.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	35x80x21
Enclosure	1 Seal
Snap Ring	No
Width (mm)	21,000
bore type:	Round
Weight / LBS	0.98326
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Single Seal
Nlim (grease)	6,000 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:	35 mm
overall width:	21 mm
Bearing number	6307LU
cage material:	Steel
fillet radius:	1.5 mm
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	33.5 kN
Static load, C0	19.1 kN
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	35MM Bore; 80MM Outside Diameter; 21MM 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:	80 mm
bearing material:	High Carbon Chrome Steel
outer ring width:	21 mm
inner ring width:	21 mm
Manufacturer Name	NTN

precision rating:	ISO Class 0
Weight / Kilogram	0.449
Bore Diameter (mm)	35,000
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	80,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
static load capacity:	19100 N
maximum rpm (grease):	6000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
Fatigue limit load, Cu	0.87 kN
dynamic load capacity:	33500 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6307LU
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	0.38 Hz
Characteristic inner ring frequency, BPF1	4.94 Hz
Characteristic outer ring frequency, BPF0	3.06 Hz

Characteristic rolling element frequency, BSF	4.03 Hz
---	---------