



BEARING CORP.OF CANADA LTD.



6007lu Bearing 2D drawings and 3D CAD models

35,000 mm x 62,000 mm x 14,000 mm NTN
6007lu Bearing

Bearing No. 6007lu

Size	35x62x14 mm
Bore Diameter	35,000 mm
Outer Diameter	62,000 mm
Width	14,000 mm
d	35,000 mm
D	62,000 mm
B	14,000 mm
C	14,000 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.16 kg
Dynamic load, C	16 kN
Static load, C0	10.3 kN
Fatigue limit load, Cu	0.47 kN
f0	14.8
Nlim (grease)	6,800 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.95 Hz
Characteristic outer ring frequency, BPF0	4.6 Hz
Characteristic inner ring	6.4 Hz



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frequency, BPFI	
da min	40 mm
da max	42 mm
Da max	57 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.145
EAN	4547359328363
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	35MM Bore; 62MM Outside Diameter; 14MM 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	http://www.ntnamerica.com
Manufacturer Item Number	6007LU
Weight / LBS	0.32
Outer Race Width	0.551 Inch 14 Millimeter
Bore	1.378 Inch 35 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	35 mm
precision rating:	ISO Class 0
outside diameter:	62 mm
finish/coating:	Uncoated
overall width:	14 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	14 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	14 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6800 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	14000 RPM
dynamic load capacity:	16000 N
series:	60
static load capacity:	10300 N
manufacturer product page:	Click here