



NTN BEARING CORP.OF America LTD.



6005lu Bearing 2D drawings and 3D CAD models

25,000 mm x 47,000 mm x 12,000 mm NTN 6005lu Bearing

Bearing No. 6005lu

Size	25x47x12 mm
Bore Diameter	25,000 mm
Outer Diameter	47,000 mm
Width	12,000 mm
d	25,000 mm
D	47,000 mm
B	12,000 mm
C	12,000 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.08 kg
Dynamic load, C	10.1 kN
Static load, C0	5.85 kN
Fatigue limit load, Cu	0.27 kN
f0	14.5
Nlim (grease)	9,400 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.49 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic inner ring	5.88 Hz



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frequency, BPFI	
da min	29 mm
da max	30.5 mm
Da max	43 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.076
EAN	4547359324594
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	25MM Bore; 47MM Outside Diameter; 12MM 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	6005LU
Weight / LBS	0.169
Outside Diameter	1.85 Inch 47 Millimeter
Bore	0.984 Inch 25 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
bore diameter:	25 mm
precision rating:	ISO Class 0
outside diameter:	47 mm
finish/coating:	Uncoated
overall width:	12 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	12 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	9400 rpm
internal clearance:	CN
fillet radius:	0.6 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	18000 RPM
dynamic load capacity:	10100 N
series:	60
static load capacity:	5850 N
manufacturer product page:	Click here