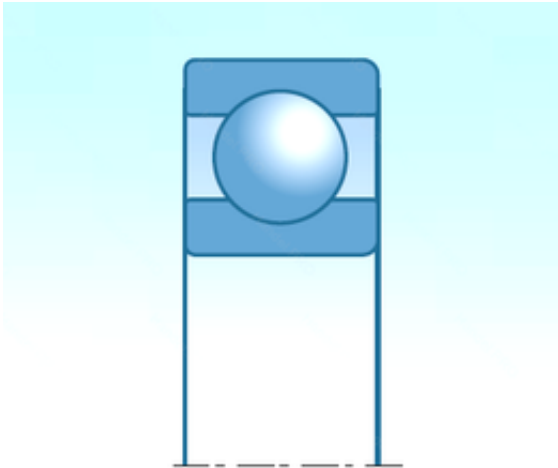




Bearing No. 6005LU

D	47,000 mm
d	25,000 mm
B	12,000 mm
C	12,000 mm
f0	14.5
Noun	Bearing
Mass	0.08 kg
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171504
da min	29 mm
da max	30.5 mm
rs min	0.6 mm
Da max	43 mm
ra max	0.6 mm
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	25x47x12
Snap Ring	No
bore type:	Round
Width (mm)	12,000
maximum rpm:	18000 RPM
Weight / LBS	0.169
Nlim (grease)	9,400 rpm
closure type:	Single Seal
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308

Keyword String	Ball
bore diameter:	25 mm
overall width:	12 mm
cage material:	Steel
Enclosure Type	Contact Seal
Bearing number	6005LU
fillet radius:	0.6 mm
Dynamic load, C	10.1 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Static load, C0	5.85 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.472 Inch 12 Millimeter
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
Outside Diameter	1.85 Inch 47 Millimeter
outside diameter:	47 mm
precision rating:	ISO Class 0
outer ring width:	12 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Weight / Kilogram	0.076
inner ring width:	12 mm
Bore Diameter (mm)	25,000
Internal Clearance	C0-Medium

internal clearance:	CN
Outer Diameter (mm)	47,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	9400 rpm
static load capacity:	5850 N
Radial clearance class	CN
Fatigue limit load, Cu	0.27 kN
dynamic load capacity:	10100 N
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6005LU
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	0.41 Hz
Characteristic inner ring frequency, BPFI	5.88 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic rolling element frequency, BSF	5.49 Hz