



Bearing No. 6005LB

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
da min	29 mm
da max	30.5 mm
Da max	43 mm
rs min	0.6 mm
ra max	0.6 mm
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Snap Ring	No
Size (mm)	25x47x12
bore type:	Round
Width (mm)	12,000
Nlim (oil)	18,000 rpm
Weight / LBS	0.169
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	15,000 rpm
Product Group	B00308
closure type:	Single Seal
Enclosure Type	Non-Contact Seal

Keyword String	Ball
bore diameter:	25 mm
overall width:	12 mm
Bearing number	6005LB
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Dynamic load, C	10.1 kN
Static load, C0	5.85 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	1.85 Inch 47 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
Outer Race Width	0.472 Inch 12 Millimeter
Weight / Kilogram	0.077
outside diameter:	47 mm
Manufacturer Name	NTN
Bore Diameter (mm)	25,000
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	47,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.27 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Manufacturer Item Number	6005LB/5C
manufacturer upc number:	4547359323580

Internal Special Features	No
Max operating temperature, Tmax	110 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-25 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic inner ring frequency, BPF1	5.88 Hz
Characteristic rolling element frequency, BSF	5.49 Hz