



# SNR BEARING CORP.OF AMERICA

25 mm x 47 mm x 12 mm NTN 6005CM Single row deep groove ball bearings

Bearing No. 6005CM

d	25 mm
D	47 mm
B	12 mm
rs min	0.6 mm
Radial clearance class	CM
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 (oil)	18,000 rpm
Nlim (grease)	15,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° 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 frequency, BPF1	5.88 Hz
da min	29 mm
Da max	43 mm
ra max	0.6 mm

6005CM Bearing 2D drawings and 3D CAD models



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Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.074
Product Group	B00308
Enclosure	Open
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
Internal Clearance	Special
Inch - Metric	Metric
Long Description	25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; Special Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6005
Weight / LBS	0.18298
Inner Race Width	0 Inch   0 Millimeter



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Outside Diameter	1.85 Inch   47 Millimeter
Bore	0.984 Inch   25 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter