



# NTNY BEARING LTD

## 25 mm x 47 mm x 12 mm ntn 6005 bearing



Bearing No. 6005

Size	25x47x12 mm
Bore Diameter	25 mm
Outer Diameter	47 mm
Width	12 mm
d	25 mm
D	47 mm
B	12 mm
C	12 mm
r min.	0,6 mm
da min.	29 mm
da max	30,5 mm
Da max.	43 mm
ra max.	0,6 mm
Weight	0,08 Kg
Basic dynamic load rating (C)	10,1 kN
Basic static load rating (C0)	5,85 kN
(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	18 000 r/min
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 (oil)	18,000 rpm

6005 Bearing 2D drawings and 3D CAD models



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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, BRF1	5.88 Hz
da min	29 mm
Da max	43 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	50.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.074
EAN	4547359003758
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	C0-Medium
Inch - Metric	Metric
Long Description	25MM Bore; 47MM



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	Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium 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>
Weight / LBS	0.176
Inner Race Width	0 Inch   0 Millimeter
Bore	0.984 Inch   25 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter