



## Double BALL BEARINGS CO, LTD



6003LU Bearing 2D drawings and 3D CAD models

17,000 mm x 35,000 mm x 10,000 mm NTN  
6003LU deep groove ball bearings

Bearing No. 6003LU

Size	17x35x10 mm
Bore Diameter	17,000 mm
Outer Diameter	35,000 mm
Width	10,000 mm
d	17,000 mm
D	35,000 mm
B	10,000 mm
C	10,000 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	6.8 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
f0	13.6
Nlim (grease)	14,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic inner ring	4.86 Hz



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frequency, BPFI	
da min	19 mm
da max	21 mm
Da max	33 mm
ra max	0.3 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.037
EAN	4547359320596
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	17MM Bore; 35MM Outside Diameter; 10MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6003LU
Weight / LBS	0.081
Outside Diameter	1.378 Inch   35 Millimeter
Bore	0.669 Inch   17 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter