



# BEARING DRIVESHAFT, INC.

## 35 mm x 62 mm x 14 mm ntn 6007 bearing



Bearing No. 6007

Size	35x62x14 mm
Bore Diameter	35 mm
Outer Diameter	62 mm
Width	14 mm
d	35 mm
D	62 mm
B	14 mm
C	14 mm
r min.	1 mm
da min.	40 mm
da max	42 mm
Da max.	57 mm
ra max.	1 mm
Weight	0,155 Kg
Basic dynamic load rating (C)	16 kN
Basic static load rating (C0)	10,3 kN
(Grease) Lubrication Speed	12 000 r/min
(Oil) Lubrication Speed	14 000 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.16 kg
Dynamic load, C	16 kN
Static load, C0	10.3 kN
Fatigue limit load, Cu	0.47 kN
f0	14.8
Nlim (oil)	14,000 rpm

6007 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	12,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.95 Hz
Characteristic outer ring frequency, BPF0	4.6 Hz
Characteristic inner ring frequency, BPF1	6.4 Hz
da min	40 mm
Da max	57 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.16
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	C3-Loose
Inch - Metric	Metric
Long Description	35MM Bore; 62MM Outside Diameter; 14MM Outer Race Diameter;



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	Open; 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
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6007
Weight / LBS	0.342
Outer Race Width	0.551 Inch   14 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Bore	1.378 Inch   35 Millimeter
bore diameter:	35 mm
precision rating:	Class 0
outside diameter:	62 mm
finish/coating:	Uncoated
overall width:	14 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	14 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	14 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	12000 rpm
internal clearance:	CN
maximum rpm (oil):	14000 rpm
operating temperature range:	-40 to 120 ° C



## BEARING DRIVESHAFT, INC.

fillet radius:	1 mm
dynamic load capacity:	16000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	10300 N