



NTN 6007N deep groove ball bearings

Bearing No. 6007N

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
rn	0,5 mm
a	2,08 mm
b	1,9 mm
r min.	1 mm
r0 max.	0,6 mm
D1	59,61 mm
da min.	40 mm
da max	42 mm
Da max.	57 mm
ra max.	1 mm
Dx	68,5 mm
Cy	3,4 mm
Cz	1,7 mm
rn	0,5 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

6007N Bearing 2D drawings and 3D CAD models



TLEE Bearing Machine Development Co.,...

(Oil) Lubrication Speed	14 000 r/min
a min	1.88 mm
a max	2.08 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	59.61 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 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
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
rNa max	0.5 mm
Category	Single Row Ball Bearings



TLEE Bearing Machine Development Co.,...

Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.158
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 62MM Outside Diameter; 14MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove With Snap Ring Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	0.3373
Outside Diameter	2.441 Inch 62 Millimeter
Inner Race Width	0 Inch 0 Millimeter



TLEE Bearing Machine Development Co.,...

Bore	1.378 Inch 35 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter