



Bearing No. 6007NR

f	1,7 mm
d	35 mm
D	62 mm
B	14 mm
C	14 mm
a	2,08 mm
b	1,9 mm
D1	59,61 mm
D2	67,7 mm
Cy	3,4 mm
f0	14.8
Cz	1,7 mm
rn	0,5 mm
Dx	68,5 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Mass	0.16 kg
b max	2.2 mm
b min	1.9 mm
a min	1.88 mm
a max	2.08 mm
r0 max	0.6 mm
D4 max	67.7 mm
Db min	68.5 mm
da min	40 mm
D3 max	59.61 mm
Da max	57 mm
rs min	1 mm
Ca max	3.78 mm

Ca min	3.48 mm
ra max	1 mm
UNSPSC	31171504
Weight	0,155 Kg
da max	42 mm
r min.	1 mm
rNa max	0.5 mm
r0 max.	0,6 mm
rNs min	0.5 mm
ra max.	1 mm
Da max.	57 mm
da min.	40 mm
Category	Single Row Ball Bearing
Size (mm)	35x62x14
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	14,000 rpm
bore type:	Round
Width (mm)	14
Weight / LBS	0.342
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	12,000 rpm
closure type:	Open
Cage Material	Steel
overall width:	14 mm
Keyword String	Ball
Bearing number	6007NR
bore diameter:	35 mm
cage material:	Steel
fillet radius:	1 mm

Static load, C0	10.3 kN
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	16 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.551 Inch 14 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Long Description	35MM Bore; 62MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
outer ring width:	14 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
inner ring width:	14 mm
outside diameter:	62 mm
Weight / Kilogram	0.158
Manufacturer Name	NTN
Bore Diameter (mm)	35
Internal Clearance	C3-Loose
maximum rpm (oil):	14000 rpm
Outer Diameter (mm)	62
Snap ring reference	R62
snap ring included:	With Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot

maximum rpm (grease):	12000 rpm
static load capacity:	10300 N
Fatigue limit load, Cu	0.47 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	16000 N
Radial clearance class	CN
(Oil) Lubrication Speed	14 000 r/min
Manufacturer Item Number	6007NR
Internal Special Features	No
(Grease) Lubrication Speed	12 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	10,3 kN
Basic dynamic load rating (C)	16 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPF1	6.4 Hz
Characteristic outer ring frequency, BPF0	4.6 Hz
Characteristic rolling element frequency, BSF	5.95 Hz