



Bearing No. 6412NR

f	2.77 mm
d	60,000 mm
D	150,000 mm
B	35,000 mm
C	35,000 mm
f0	12.6
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Mass	2.77 kg
b min	3.1 mm
a min	4.65 mm
b max	3.4 mm
a max	4.9 mm
da min	71 mm
UNSPSC	31171504
D4 max	159.7 mm
Da max	139 mm
ra max	2 mm
Db min	162 mm
r0 max	0.6 mm
rs min	2.1 mm
Ca min	7.42 mm
D3 max	145.24 mm
Ca max	7.67 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes

Size (mm)	60x150x35
Enclosure	Open
Nlim (oil)	5,700 rpm
Width (mm)	35,000
Weight / LBS	6.3272
Nlim (grease)	4,800 rpm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6412NR
Dynamic load, C	102 kN
Static load, C0	64.5 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	60MM Bore; 150MM Outside Diameter; 35MM 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
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	5.906 Inch 150 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.378 Inch 35 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	2.75

Internal Clearance	C0-Medium
Bore Diameter (mm)	60,000
Outer Diameter (mm)	150,000
Snap ring reference	R150
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	2.85 kN
Radial clearance class	CN
Manufacturer Item Number	6412NR
Internal Special Features	No
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic inner ring frequency, BPF1	4.4 Hz
Characteristic outer ring frequency, BPF0	2.6 Hz
Characteristic rolling element frequency, BSF	3.63 Hz