



Bearing No. 6412

D	150 mm
d	60 mm
B	35 mm
C	35 mm
f0	12.6
Mass	2.77 kg
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Weight	2,77 Kg
UNSPSC	31171504
rs min	2.1 mm
da min	71 mm
Da max	139 mm
ra max	2 mm
r min.	2,1 mm
Da max.	139 mm
ra max.	2 mm
da min.	71 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	60x150x35
Enclosure	Open
Width (mm)	35
bore type:	Round
Nlim (oil)	5,700 rpm
Weight / LBS	6.254
closure type:	Open
Inch - Metric	Metric

Cage Material	Steel
Nlim (grease)	4,800 rpm
Product Group	B00308
bore diameter:	60 mm
cage material:	Steel
overall width:	35 mm
Keyword String	Ball
fillet radius:	2.1 mm
Bearing number	6412
Static load, C0	64.5 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	102 kN
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.378 Inch 35 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	60MM Bore; 150MM Outside Diameter; 35MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	35 mm
inner ring width:	35 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	150 mm
precision rating:	Class 0
Manufacturer Name	NTN
Weight / Kilogram	2.84

Bore Diameter (mm)	60
maximum rpm (oil):	5700 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
static load capacity:	64500 N
maximum rpm (grease):	4800 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	2.85 kN
dynamic load capacity:	102000 N
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	5 700 r/min
Manufacturer Item Number	6412
Internal Special Features	No
(Grease) Lubrication Speed	4 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	64,5 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Characteristic cage frequency, FTF	0.37 Hz
Characteristic outer ring frequency, BPF0	2.6 Hz
Characteristic inner ring frequency, BPF1	4.4 Hz
Characteristic rolling element frequency, BSF	3.63 Hz