

# 16013 NTN 65x100x11mm maximum rpm (oil): 7700 rpm Deep groove ball bearings

rs min	0.6 mm
Radial clearance class	CN
Mass	0.31 kg
Dynamic load, C	20.5 kN
Static load, C0	18.7 kN
Fatigue limit load, Cu	0.85 kN
f0	16.5
Nlim (oil)	7.700 rpm
Nlim (grease)	6.500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.3 Hz
Characteristic outer ring frequency, BPF0	8.13 Hz
Characteristic inner ring frequency, BRFI	9.87 Hz
da min	69 mm
Da max	96 mm
ra max	0.6 mm
Bearing number	16013

Size (mm)	65x100x11
Brand	NTN
Bore Diameter (mm)	65
Outer Diameter (mm)	100
Width (mm)	11
d	65 mm
D	100 mm
B	11 mm
C	11 mm
r min.	0.6 mm
da min.	69 mm
Da max.	96 mm
ra max.	0.6 mm
Weight	0.307 Kg
Basic dynamic load rating (C)	20.5 kN
Basic static load rating (C0)	18.7 kN
(Grease) Lubrication Speed	6 500 r/min
(Oil) Lubrication Speed	7 700 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.293
EAN	4547359515749
Product Group – BDI	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	C0-Medium
Inch – Metric	Metric
Long Description	65MM Bore; 100MM Outside Diameter; 11MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category – BDI	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	16013
Weight / LBS	0.648
Outer Race Width	0.433 Inch   11 Millimeter
Bore	2.559 Inch   65 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
bore diameter:	65 mm
finish/coating:	Uncoated
outside diameter:	100 mm
bearing material:	High Carbon Chrome Steel
overall width:	11 mm

cage material:	Steel
bore type:	Round
inner ring width:	11 mm
closure type:	Open
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6500 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	7700 rpm
internal clearance:	CN
fillet radius:	0.6 mm
operating temperature range:	-40 to 120 °C
maximum rpm:	7700 RPM
dynamic load capacity:	20500 N
series:	600
static load capacity:	18700 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0