

# 16006 NTN 30x55x9mm snap ring included: Without Snap Ring Deep groove ball bearings

rs min	0.3 mm
Radial clearance class	CN
Mass	0.09 kg
Dynamic load, C	11.2 kN
Static load, C <sub>0</sub>	7.35 kN
Fatigue limit load, C <sub>u</sub>	0.33 kN
f <sub>0</sub>	15.2
N <sub>lim</sub> (oil)	15.000 rpm
N <sub>lim</sub> (grease)	13.000 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.54 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	5.1 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	6.9 Hz
da min	32 mm
Da max	53 mm
ra max	0.3 mm
Bearing number	16006

Size (mm)	30x55x9
Brand	NTN
Bore Diameter (mm)	30
Outer Diameter (mm)	55
Width (mm)	9
d	30 mm
D	55 mm
B	9 mm
C	9 mm
r min.	0.3 mm
da min.	32 mm
Da max.	53 mm
ra max.	0.3 mm
Weight	0.091 Kg
Basic dynamic load rating (C)	11.2 kN
Basic static load rating (C0)	7.35 kN
(Grease) Lubrication Speed	13 000 r/min
(Oil) Lubrication Speed	15 000 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.085
EAN	4547359010121
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	30MM Bore; 55MM Outside Diameter; 9MM 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	16006
Weight / LBS	0.19
Outside Diameter	2.165 Inch   55 Millimeter
Bore	1.181 Inch   30 Millimeter
Outer Race Width	0.354 Inch   9 Millimeter
bore diameter:	30 mm
finish/coating:	Uncoated
outside diameter:	55 mm
bearing material:	High Carbon Chrome Steel
overall width:	9 mm
cage material:	Steel

bore type:	Round
inner ring width:	9 mm
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	13000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	15000 rpm
internal clearance:	CN
fillet radius:	0.3 mm
operating temperature range:	-40 to 120 °C
maximum rpm:	15000 RPM
dynamic load capacity:	11200 N
series:	600
static load capacity:	7350 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0