

16007 NTN Bore Diameter 35mm 35x62x9mm Deep groove ball bearings

rs min	0.3 mm
Radial clearance class	CN
Mass	0.11 kg
Dynamic load, C	11.7 kN
Static load, C ₀	8.2 kN
Fatigue limit load, C _u	0.37 kN
f ₀	15.6
N _{lim} (oil)	14.000 rpm
N _{lim} (grease)	12.000 rpm
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.51 Hz
Characteristic outer ring frequency, BPF ₀	5.65 Hz
Characteristic inner ring frequency, BPF _I	7.35 Hz
da min	37 mm
Da max	60 mm
ra max	0.3 mm
Category	Single Row Ball Bearings

BDI Inventory	13.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.112
EAN	4547359010138
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	35MM Bore; 62MM 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	http://www.ntnamerica.com
Manufacturer Item Number	16007
Weight / LBS	0.239
Outside Diameter	2.441 Inch 62 Millimeter

Outer Race Width	0.354 Inch 9 Millimeter
Bore	1.378 Inch 35 Millimeter
Bearing number	16007
Size (mm)	35x62x9
Brand	NTN
Bore Diameter (mm)	35
Outer Diameter (mm)	62
Width (mm)	9
d	35 mm
D	62 mm
B	9 mm
C	9 mm
r min.	0.3 mm
da min.	37 mm
Da max.	60 mm
ra max.	0.3 mm
Weight	0.11 Kg
Basic dynamic load rating (C)	11.7 kN
Basic static load rating (C0)	8.2 kN
(Grease) Lubrication Speed	12 000 r/min
(Oil) Lubrication Speed	14 000 r/min
bore diameter:	35 mm
finish/coating:	Uncoated
outside diameter:	62 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):	12000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	14000 rpm
internal clearance:	CN
fillet radius:	0.3 mm
operating temperature range:	-40 to 120 °C
maximum rpm:	14000 RPM
dynamic load capacity:	11700 N
series:	600
static load capacity:	8200 N
manufacturer product page:	Click here
precision rating:	Class 0