



Bearing No. 16007

D	62 mm
d	35 mm
B	9 mm
C	9 mm
f0	15.6
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
Mass	0.11 kg
Da max	60 mm
UNSPSC	31171504
r min.	0,3 mm
rs min	0.3 mm
da min	37 mm
Weight	0,11 Kg
ra max	0.3 mm
Da max.	60 mm
ra max.	0,3 mm
da min.	37 mm
series:	600
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	13.0
Enclosure	Open
Size (mm)	35x62x9
Nlim (oil)	14,000 rpm
bore type:	Round
Width (mm)	9
Weight / LBS	0.239
maximum rpm:	14000 RPM

Nlim (grease)	12,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	35 mm
cage material:	Steel
fillet radius:	0.3 mm
overall width:	9 mm
Bearing number	16007
Dynamic load, C	11.7 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	8.2 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.354 Inch 9 Millimeter
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
Outside Diameter	2.441 Inch 62 Millimeter
outer ring width:	9 mm
inner ring width:	9 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	62 mm
Weight / Kilogram	0.112

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	14000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	35
Outer Diameter (mm)	62
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	12000 rpm
static load capacity:	8200 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	11700 N
Fatigue limit load, Cu	0.37 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	14 000 r/min
Manufacturer Item Number	16007
Internal Special Features	No
(Grease) Lubrication Speed	12 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	8,2 kN
Basic dynamic load rating (C)	11,7 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPFI	7.35 Hz
Characteristic outer ring frequency, BPF0	5.65 Hz
Characteristic rolling element frequency, BSF	7.51 Hz