

**16022      NTN      110x170x19mm**  
**Manufacturer      URL**  
**<http://www.snrbearings.com>**  
**Deep groove ball bearings**

rs min	1 mm
Radial clearance class	CN
Mass	1.46 kg
Dynamic load, C	57.5 kN
Static load, C0	56.5 kN
Fatigue limit load, Cu	2.17 kN
f0	16.3
Nlim (oil)	4.500 rpm
Nlim (grease)	3.800 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	9.7 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic inner ring frequency, BRFI	9.37 Hz
da min	115 mm
Da max	165 mm
ra max	1 mm

Bearing number	16022
Size (mm)	110x170x19
Brand	NTN
Bore Diameter (mm)	110
Outer Diameter (mm)	170
Width (mm)	19
d	110 mm
D	170 mm
B	19 mm
C	19 mm
r min.	1 mm
da min.	115 mm
Da max.	165 mm
ra max.	1 mm
Weight	1.46 Kg
Basic dynamic load rating (C)	57.5 kN
Basic static load rating (C0)	56.5 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.49
EAN	4547359258561
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	110MM Bore; 170MM Outside Diameter; 19MM 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.snrbearings.com">http://www.snrbearings.com</a>
Manufacturer Item Number	16022
Weight / LBS	3.278
Outer Race Width	0.748 Inch   19 Millimeter
Bore	4.331 Inch   110 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
bore diameter:	110 mm
precision rating:	Class 0
outside diameter:	170 mm
finish/coating:	Uncoated

overall width:	19 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	19 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	19 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	3800 rpm
internal clearance:	CN
maximum rpm (oil):	4500 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	1 mm
dynamic load capacity:	57500 N
series:	600
static load capacity:	56500 N
manufacturer product page:	<a href="#">Click here</a>