



**Bearing No. 6207**

D	72 mm
d	35 mm
B	17 mm
f0	13.8
Mass	0.29 kg
Bore	1.378 Inch   35 Millimeter
Noun	Bearing
ra max	1 mm
Da max	65.5 mm
UNSPSC	31171504
da min	41.5 mm
rs min	1.1 mm
series:	62
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	35x72x17
Snap Ring	No
Width (mm)	17
Nlim (oil)	11,000 rpm
bore type:	Round
Weight / LBS	0.623
maximum rpm:	11000 RPM
Cage Material	Steel
Inch - Metric	Metric
closure type:	Open
Nlim (grease)	9,800 rpm
Product Group	B00308
Keyword String	Ball

Bearing number	6207
bore diameter:	35 mm
overall width:	17 mm
fillet radius:	1 mm
cage material:	Steel
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Static load, C0	15.3 kN
Dynamic load, C	25.7 kN
Outside Diameter	2.835 Inch   72 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
Long Description	35MM Bore; 72MM Outside Diameter; 17MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
bearing material:	High Carbon Chrome Steel
inner ring width:	17 mm
outer ring width:	17 mm
outside diameter:	72 mm
precision rating:	Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.282
Internal Clearance	C0-Medium
Bore Diameter (mm)	35
maximum rpm (oil):	11000 rpm
snap ring included:	Without Snap Ring

Outer Diameter (mm)	72
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	15300 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	9800 rpm
Fatigue limit load, Cu	0.7 kN
dynamic load capacity:	25700 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6207U
Internal Special Features	No
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.56 Hz
Characteristic inner ring frequency, BPF1	5.44 Hz
Characteristic rolling element frequency, BSF	4.61 Hz