



6206 Bearing 2D drawings and 3D CAD models

**NTN Bearing Deep Groove Ball Bearing 6206
6206-2rs 6206zz**

Bearing No. 6206

Size	30x62x16 mm
Bore Diameter	30 mm
Outer Diameter	62 mm
Width	16 mm
d	30 mm
D	62 mm
B	16 mm
C	16 mm
r min.	1 mm
da min.	35 mm
da max	39 mm
Da max.	57 mm
ra max.	1 mm
Weight	0,199 Kg
Basic dynamic load rating (C)	19,5 kN
Basic static load rating (C0)	11,3 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	13 000 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.2 kg
Dynamic load, C	19.5 kN
Static load, C0	11.3 kN
Fatigue limit load, Cu	0.51 kN
f0	13.8



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Nlim (oil)	13,000 rpm
Nlim (grease)	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.68 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic inner ring frequency, BRF1	5.42 Hz
da min	35 mm
Da max	57 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.198
EAN	4547359004632
Product Group	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



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Long Description	30MM Bore; 62MM Outside Diameter; 16MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	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	6206
Weight / LBS	0.439
Bore	1.181 Inch 30 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	30 mm
precision rating:	Class 0
outside diameter:	62 mm
finish/coating:	Uncoated
overall width:	16 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	16 mm



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snap ring included:	Without Snap Ring
maximum rpm (grease):	11000 rpm
internal clearance:	CN
maximum rpm (oil):	13000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1 mm
dynamic load capacity:	19500 N
manufacturer product page:	Click here
static load capacity:	11300 N