



# BEARING PRECISION AXLE CORP.

## 30 mm x 55 mm x 13 mm NTN 6006 Bearing



Bearing No. 6006

Size	30x55x13 mm
Bore Diameter	30 mm
Outer Diameter	55 mm
Width	13 mm
d	30 mm
D	55 mm
B	13 mm
C	13 mm
r min.	1 mm
da min.	35 mm
da max	37 mm
Da max.	50 mm
ra max.	1 mm
Weight	0,116 Kg
Basic dynamic load rating (C)	13,2 kN
Basic static load rating (C0)	8,3 kN
(Grease) Lubrication Speed	13 000 r/min
(Oil) Lubrication Speed	15 000 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.12 kg
Dynamic load, C	13.2 kN
Static load, C0	8.3 kN
Fatigue limit load, Cu	0.38 kN
f0	14.8
Nlim (oil)	15,000 rpm

6006 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	13,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.85 Hz
Characteristic outer ring frequency, BPF0	4.59 Hz
Characteristic inner ring frequency, BRF1	6.41 Hz
da min	35 mm
Da max	50 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	22.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.115
EAN	4547359003796
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
Long Description	30MM Bore; 55MM



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	Outside Diameter; 13MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6006
Weight / LBS	0.256
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.512 Inch   13 Millimeter
Bore	1.181 Inch   30 Millimeter
Outside Diameter	2.165 Inch   55 Millimeter
bore diameter:	30 mm
finish/coating:	Uncoated
outside diameter:	55 mm
bearing material:	High Carbon Chrome Steel
overall width:	13 mm
cage material:	Steel
bore type:	Round
inner ring width:	13 mm
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	13000 rpm
snap ring included:	Without Snap Ring



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maximum rpm (oil):	15000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	15000 RPM
dynamic load capacity:	13200 N
series:	60
static load capacity:	8300 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0