



## China Abec 9 Bearings Supplier



6316 Bearing 2D drawings and 3D CAD models

### Japan NTN 6316 Radial Deep Groove Ball Bearing Price List

Bearing No. 6316

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2,1 mm
da min.	91 mm
da max	105 mm
Da max.	159 mm
ra max.	2 mm
Weight	3,59 Kg
Basic dynamic load rating (C)	123 kN
Basic static load rating (C0)	86,5 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	4 700 r/min
rs min	2.1 mm
Radial clearance class	CN
Mass	3.59 kg
Dynamic load, C	123 kN
Static load, C0	86.5 kN
Fatigue limit load, Cu	3.5 kN
f0	13.3



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Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.15 Hz
Characteristic outer ring frequency, BPF0	3.09 Hz
Characteristic inner ring frequency, BRF1	4.91 Hz
da min	91 mm
Da max	159 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.613
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	80MM Bore; 170MM Outside Diameter; 39MM



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	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	6316
Weight / LBS	7.91
Bore	3.15 Inch   80 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Outer Race Width	1.535 Inch   39 Millimeter
bore diameter:	80 mm
precision rating:	Class 0
outside diameter:	170 mm
finish/coating:	Uncoated
overall width:	39 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	39 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	39 mm
snap ring included:	Without Snap Ring



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maximum rpm (grease):	4000 rpm
internal clearance:	CN
maximum rpm (oil):	4700 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2.1 mm
dynamic load capacity:	123000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	86500 N