



# AMERICAN BEARING MFG.CORP.



6320 Bearing 2D drawings and 3D CAD models

Red plastic cover seal 6320 2rs c3 ntn ball  
bearing price

Bearing No. 6320

Size	100x215x47 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
C	47 mm
r min.	3 mm
da min.	113 mm
da max	133 mm
Da max.	202 mm
ra max.	2,5 mm
Weight	7 Kg
Basic dynamic load rating (C)	173 kN
Basic static load rating (C0)	141 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	3 700 r/min
rs min	3 mm
Radial clearance class	CN
Mass	7 kg
Dynamic load, C	173 kN
Static load, C0	141 kN
Fatigue limit load, Cu	5.1 kN
f0	13.2



## AMERICAN BEARING MFG.CORP.

Nlim (oil)	3,700 rpm
Nlim (grease)	3,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.08 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRF1	4.93 Hz
da min	113 mm
Da max	202 mm
ra max	2.5 mm
Category	Bearings
Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
EAN	4547359580471
Weight / US pound	0.01
Product Group	B04334
outside diameter:	5.3447 in
lubrication hole type:	No Hole
cup width:	1.7500 in
finish/coating:	Uncoated
single or double cup:	Single Cup
manufacturer product page:	<a href="#">Click here</a>
material:	Case Carburized Steel
manufacturer upc number:	4547359580471
fillet radius:	0.13 in
bore diameter:	100 mm



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bearing material:	High Carbon Chrome Steel
overall width:	47 mm
cage material:	Steel
bore type:	Round
inner ring width:	47 mm
closure type:	Open
outer ring width:	47 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3200 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	3700 rpm
internal clearance:	CN
operating temperature range:	-40 to 120 ° C
maximum rpm:	3700 RPM
dynamic load capacity:	173000 N
series:	63
static load capacity:	141000 N
precision rating:	Class 0