



NJ321 Bearing 2D drawings and 3D CAD models

NJ321 NTN Cylindrical Roller Bearings

Bearing No. NJ321

Size	105x225x49 mm
Bore Diameter	105 mm
Outer Diameter	225 mm
Width	49 mm
d	105 mm
Fw	135 mm
D	225 mm
B	49 mm
C	49 mm
r min.	3 mm
r1 min.	3 mm
J	147 mm
Weight	8,53 Kg
Basic dynamic load rating (C)	320 kN
Basic static load rating (C0)	360 kN
(Grease) Lubrication Speed	3 100 r/min
E	195 mm
F	135 mm
d1	147 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	8.77 kg
Dynamic load, C	320 kN
Static load, C0	360 kN
Fatigue limit load, Cu	37.8 kN



Nlim (oil)	3,700 rpm
Nlim (grease)	3,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.32 Hz
Characteristic outer ring frequency, BPF0	5.73 Hz
Characteristic inner ring frequency, BRFI	8.27 Hz
da min	118 mm
da max	132 mm
dc min	149 mm
Da max	212 mm
ra max	2.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359124033
Product Group	B04144
bore diameter:	105 mm
static load capacity:	360000 N
outside diameter:	225 mm
precision rating:	ISO Class 0
overall width:	49 mm
maximum rpm:	3700 rpm
flanges:	(2) Outer Ring, (1) Inner Ring



bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
operating temperature range:	-40 to 120 ° C
fillet radius:	2.5 mm
dynamic load capacity:	320000 N
manufacturer product page:	Click here