



# Timken BEARING MFG.CORP



Koyo Timken SKF Snr NTN NACHI 6321 6322  
 6324 6326 6328 6330 6403 6404 6405 6406 6407  
 6408 6409 6410 6411 6412 Deep Groove Ball  
 Bearing

Bearing No. 6321

6321 Bearing 2D drawings and 3D CAD models

Size	105x225x49 mm
Bore Diameter	105 mm
Outer Diameter	225 mm
Width	49 mm
d	105 mm
D	225 mm
B	49 mm
C	49 mm
r min.	3 mm
da min.	119 mm
Da max.	211 mm
ra max.	2.5 mm
Weight	8.05 Kg
Basic dynamic load rating (C)	184 kN
Basic static load rating (C0)	153 kN
(Grease) Lubrication Speed	2800 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open



## Timken BEARING MFG.CORP

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	105MM Bore; 225MM Outside Diameter; 49MM 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.nachi-america.com">http://www.nachi-america.com</a>
Bore	4.134 Inch   105 Millimeter
Outer Race Width	1.929 Inch   49 Millimeter
Outside Diameter	8.858 Inch   225 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	105 mm
Width	49 mm
Fillet Radius/Chamfer	3 mm



## Timken BEARING MFG.CORP

Dynamic Load Rating	184,000 N
Static Load Rating	153,000 N
Limiting Speed - Grease	3,000 rpm
Limiting Speed - Oil	3,600 rpm
Factor $f_0$	13.2
Radial Clearance	0.015 to 0.041 mm
$d_a$ (min)	119 mm
$D_a$ (max)	211 mm
$r_a$ (max)	2.5 mm