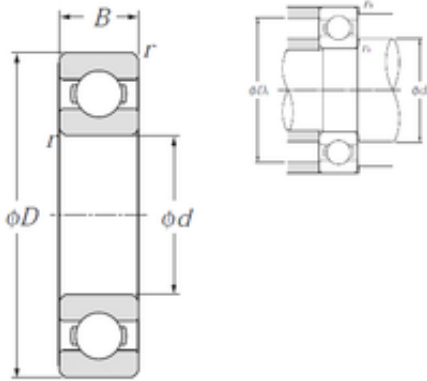




# NTN DRIVESHAFT,INC.

## 105 mm x 145 mm x 20 mm NTN 6921 Deep Groove Ball Bearings

Bearing No. 6921



6921 Bearing 2D drawings and 3D CAD models

Size	105x145x20 mm
Bore Diameter	105 mm
Outer Diameter	145 mm
Width	20 mm
d	105 mm
D	145 mm
B	20 mm
C	20 mm
r min.	1,1 mm
da min.	111,5 mm
da max	115 mm
Da max.	138,5 mm
ra max.	1 mm
Weight	0,816 Kg
Basic dynamic load rating (C)	42,5 kN
Basic static load rating (C0)	42 kN
(Grease) Lubrication Speed	4 300 r/min
(Oil) Lubrication Speed	5 100 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.82 kg
Dynamic load, C	42.5 kN
Static load, C0	42 kN
Fatigue limit load, Cu	1.71 kN
f0	16.5



## NTN DRIVESHAFT,INC.

Nlim (oil)	5,100 rpm
Nlim (grease)	4,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.4 Hz
Characteristic outer ring frequency, BPF0	8.14 Hz
Characteristic inner ring frequency, BRF1	9.86 Hz
da min	111.5 mm
Da max	138.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.843
EAN	4547359423167
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



## NTN DRIVESHAFT,INC.

Long Description	105MM Bore; 145MM Outside Diameter; 20MM 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	6921
Weight / LBS	1.8
Bore	4.134 Inch   105 Millimeter
Outer Race Width	0.787 Inch   20 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	5.709 Inch   145 Millimeter
bore diameter:	105 mm
finish/coating:	Uncoated
outside diameter:	145 mm
bearing material:	High Carbon Chrome Steel
overall width:	20 mm
cage material:	Steel
bore type:	Round
inner ring width:	20 mm
closure type:	Open
outer ring width:	20 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4300 rpm



## NTN DRIVESHAFT,INC.

snap ring included:	Without Snap Ring
maximum rpm (oil):	5100 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	5100 RPM
dynamic load capacity:	42500 N
series:	69
static load capacity:	42000 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0