



# NTN DRIVESHAFT,INC.

## 100 mm x 180 mm x 34 mm NTN 6220 Deep Groove Ball Bearings

Bearing No. 6220



6220 Bearing 2D drawings and 3D CAD models

Size	100x180x34 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	34 mm
d	100 mm
D	180 mm
B	34 mm
C	34 mm
r min.	2,1 mm
da min.	111 mm
da max	122 mm
Da max.	169 mm
ra max.	2 mm
Weight	3,14 Kg
Basic dynamic load rating (C)	122 kN
Basic static load rating (C0)	93 kN
(Grease) Lubrication Speed	3 500 r/min
(Oil) Lubrication Speed	4 200 r/min
rs min	2.1 mm
Radial clearance class	CN
Mass	3.14 kg
Dynamic load, C	122 kN
Static load, C0	93 kN
Fatigue limit load, Cu	3.55 kN
f0	14.4



## NTN DRIVESHAFT,INC.

Nlim (oil)	4,200 rpm
Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic inner ring frequency, BRF1	5.91 Hz
da min	111 mm
Da max	169 mm
ra max	2 mm
bore diameter:	100 mm
precision rating:	Class 0
outside diameter:	180 mm
finish/coating:	Uncoated
overall width:	34 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	34 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	34 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	3500 rpm
internal clearance:	CN
maximum rpm (oil):	4200 rpm
operating temperature	-40 to 120 ° C



## NTN DRIVESHAFT,INC.

range:	
fillet radius:	2.1 mm
dynamic load capacity:	122000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	93000 N