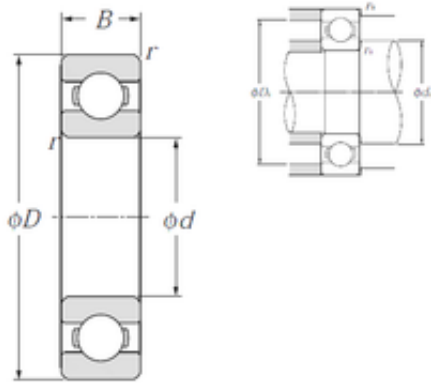




NTN DRIVESHAFT,INC.

100 mm x 140 mm x 20 mm NTN 6920 Deep Groove Ball Bearings

Bearing No. 6920



6920 Bearing 2D drawings and 3D CAD models

Size	100x140x20 mm
Bore Diameter	100 mm
Outer Diameter	140 mm
Width	20 mm
d	100 mm
D	140 mm
B	20 mm
C	20 mm
r min.	1,1 mm
da min.	106,5 mm
da max	110 mm
Da max.	133,5 mm
ra max.	1 mm
Weight	0,785 Kg
Basic dynamic load rating (C)	41 kN
Basic static load rating (C0)	39,5 kN
(Grease) Lubrication Speed	4 500 r/min
(Oil) Lubrication Speed	5 300 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.78 kg
Dynamic load, C	41 kN
Static load, C0	39.5 kN
Fatigue limit load, Cu	1.64 kN
f0	16.4



NTN DRIVESHAFT, INC.

Nlim (oil)	5,300 rpm
Nlim (grease)	4,500 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	9.98 Hz
Characteristic outer ring frequency, BPF0	7.66 Hz
Characteristic inner ring frequency, BPF1	9.34 Hz
da min	106.5 mm
Da max	133.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.799
EAN	4547359007091
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	100MM Bore; 140MM Outside Diameter; 20MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6920
Weight / LBS	1.766
Outer Race Width	0.787 Inch 20 Millimeter
Bore	3.937 Inch 100 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	100 mm
finish/coating:	Uncoated
outside diameter:	140 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):	4500 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	5300 rpm
internal clearance:	CN



NTN DRIVESHAFT,INC.

fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	5300 RPM
dynamic load capacity:	41000 N
series:	69
static load capacity:	39500 N
manufacturer product page:	Click here
precision rating:	Class 0