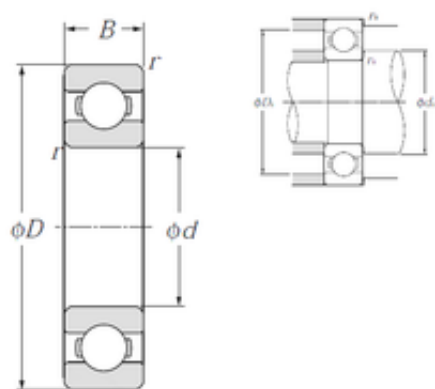




Bearing No. 6920

D	140 mm
d	100 mm
B	20 mm
C	20 mm
f0	16.4
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Mass	0.78 kg
Da max	133.5 mm
UNSPSC	31171504
r min.	1,1 mm
rs min	1.1 mm
da max	110 mm
da min	106.5 mm
Weight	0,785 Kg
ra max	1 mm
Da max.	133,5 mm
ra max.	1 mm
da min.	106,5 mm
series:	69
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	100x140x20
Nlim (oil)	5,300 rpm
bore type:	Round
Width (mm)	20
Weight / LBS	1.766

maximum rpm:	5300 RPM
Nlim (grease)	4,500 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	100 mm
cage material:	Steel
fillet radius:	1.1 mm
overall width:	20 mm
Bearing number	6920
Dynamic load, C	41 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	39.5 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	5.512 Inch 140 Millimeter
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
Outer Race Width	0.787 Inch 20 Millimeter
outer ring width:	20 mm
inner ring width:	20 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	140 mm

Weight / Kilogram	0.799
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	5300 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	100
Outer Diameter (mm)	140
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	4500 rpm
static load capacity:	39500 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	41000 N
Fatigue limit load, Cu	1.64 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	5 300 r/min
Manufacturer Item Number	6920
Internal Special Features	No
(Grease) Lubrication Speed	4 500 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	39,5 kN
Basic dynamic load rating (C)	41 kN
Max operating temperature, Tmax	120 °C

Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	9.34 Hz
Characteristic outer ring frequency, BPF0	7.66 Hz
Characteristic rolling element frequency, BSF	9.98 Hz