



NTN DRIVESHAFT,INC.

100 mm x 150 mm x 24 mm NTN 6020 Deep Groove Ball Bearings

Bearing No. 6020



6020 Bearing 2D drawings and 3D CAD models

Size	100x150x24 mm
Bore Diameter	100 mm
Outer Diameter	150 mm
Width	24 mm
d	100 mm
D	150 mm
B	24 mm
C	24 mm
r min.	1,5 mm
da min.	108 mm
da max	110 mm
Da max.	142 mm
ra max.	1,5 mm
Weight	1,15 Kg
Basic dynamic load rating (C)	60 kN
Basic static load rating (C0)	54 kN
(Grease) Lubrication Speed	4 200 r/min
(Oil) Lubrication Speed	5 000 r/min
rs min	1.5 mm
Radial clearance class	CN
Mass	1.15 kg
Dynamic load, C	60 kN
Static load, C0	54 kN
Fatigue limit load, Cu	2.2 kN
f0	15.9



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Nlim (oil)	5,000 rpm
Nlim (grease)	4,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.17 Hz
Characteristic outer ring frequency, BPF0	6.6 Hz
Characteristic inner ring frequency, BRF1	8.4 Hz
da min	108 mm
Da max	142 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.27
EAN	4547359004335
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



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Long Description	100MM Bore; 150MM Outside Diameter; 24MM 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	http://www.ntnamerica.com
Manufacturer Item Number	6020
Weight / LBS	2.76
Inner Race Width	0 Inch 0 Millimeter
Bore	3.937 Inch 100 Millimeter
Outer Race Width	0.945 Inch 24 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
bore diameter:	100 mm
finish/coating:	Uncoated
outside diameter:	150 mm
bearing material:	High Carbon Chrome Steel
overall width:	24 mm
cage material:	Steel
bore type:	Round
inner ring width:	24 mm
closure type:	Open
outer ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4200 rpm



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snap ring included:	Without Snap Ring
maximum rpm (oil):	5000 rpm
internal clearance:	CN
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	5000 RPM
dynamic load capacity:	60000 N
series:	60
static load capacity:	54000 N
manufacturer product page:	Click here
precision rating:	Class 0