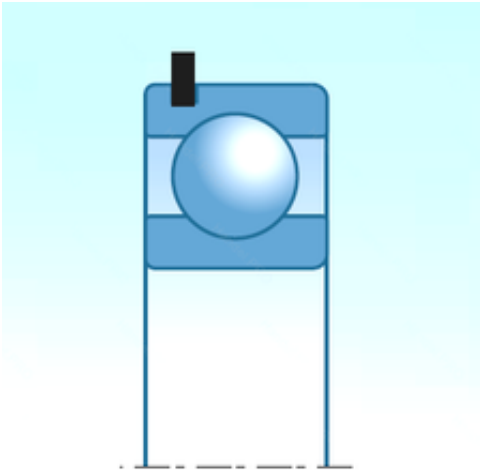




Bearing No. 6020ZNR

f	2.82 mm
B	24,000 mm
C	24,000 mm
d	100,000 mm
D	150,000 mm
f0	15.9
Noun	Bearing
Mass	1.15 kg
Bore	3.937 Inch 100 Millimeter
a min	3.45 mm
a max	3.71 mm
b min	3.1 mm
b max	3.4 mm
Da max	142 mm
Ca min	6.17 mm
rs min	1.5 mm
da min	108 mm
D3 max	145.24 mm
r0 max	0.6 mm
D4 max	159.7 mm
Db min	162 mm
ra max	1.5 mm
UNSPSC	31171504
Ca max	6.53 mm
rNa max	0.5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes

Enclosure	1 Metal Shield
Size (mm)	100x150x24
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	24,000
Weight / LBS	2.806
Product Group	B00308
Nlim (grease)	4,200 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Single Shield
Bearing number	6020ZNR
Other Features	Radial With Snap Ring
overall width:	24 mm
bore diameter:	100 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	1.5 mm
Static load, C0	54 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	60 kN
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.945 Inch 24 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	100MM Bore; 150MM Outside Diameter; 24MM Outer Race Width; 1 Metal Shield;

	Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; St
Weight / Kilogram	1.274
precision rating:	ISO Class 0
outside diameter:	150 mm
outer ring width:	24 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
inner ring width:	24 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	100,000
maximum rpm (oil):	5000 rpm
internal clearance:	CN
snap ring included:	With Snap Ring
Snap ring reference	R150
Outer Diameter (mm)	150,000
Minimum Buy Quantity	N/A
static load capacity:	54000 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4200 rpm
dynamic load capacity:	60000 N
Radial clearance class	CN
Fatigue limit load, Cu	2.2 kN
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C

Min operating temperature, T _{min}	-20 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	6.6 Hz
Characteristic inner ring frequency, BPFI	8.4 Hz
Characteristic rolling element frequency, BSF	8.17 Hz