



# SNR BEARING CORP.OF AMERICA

20 mm x 42 mm x 12 mm NTN 6004JR2C4  
Single row deep groove ball bearings

Bearing No. 6004JR2C4

d	20 mm
D	42 mm
B	12 mm
rs min	0.6 mm
Radial clearance class	C4
Mass	0.07 kg
Dynamic load, C	9.4 kN
Static load, C0	5.05 kN
Fatigue limit load, Cu	0.23 kN
f0	13.9
Nlim (oil)	21,000 rpm
Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-60 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPFI	5.41 Hz
da min	24 mm
Da max	38 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0

6004JR2C4 Bearing 2D drawings and 3D CAD models



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Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.066
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	Riveted Cage
Cage Material	Steel
Internal Clearance	C4-Extra Loose
Inch - Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Riveted Cage Internal Special Features; C4-Extra Loose Internal Clearance;
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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	0.14991
Outer Race Width	0.472 Inch   12 Millimeter
Bore	0.787 Inch   20 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter



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