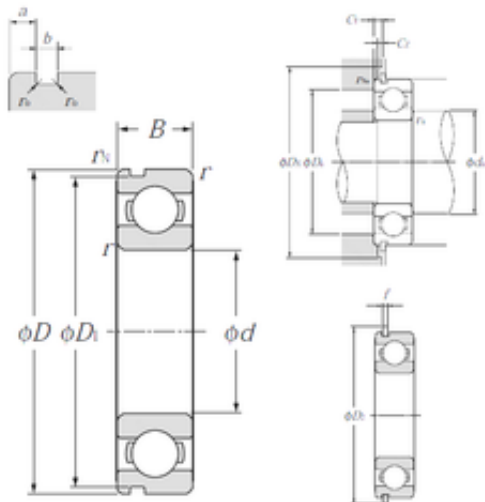




AMERICAN BEARING MFG.CORP.

20 mm x 42 mm x 12 mm NTN 6004NR deep groove ball bearings

Bearing No. 6004NR



6004NR Bearing 2D drawings and 3D CAD models

Size	20x42x12 mm
Bore Diameter	20 mm
Outer Diameter	42 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
C	12 mm
rn	0,5 mm
a	2,06 mm
b	1,35 mm
f	1,12 mm
r min.	0,6 mm
r0 max.	0,4 mm
D1	39,75 mm
D2	46,3 mm
da min.	24 mm
da max	26 mm
Da max.	38 mm
ra max.	0,6 mm
Dx	47 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,5 mm
Weight	0,069 Kg



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Basic dynamic load rating (C)	9,4 kN
Basic static load rating (C0)	5,05 kN
(Grease) Lubrication Speed	18 000 r/min
(Oil) Lubrication Speed	21 000 r/min
a min	1.9 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
rs min	0.6 mm
rNs min	0.5 mm
D3 max	39.75 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	46.3 mm
Snap ring reference	R42
Radial clearance class	CN
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	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring	3.59 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.41 Hz
da min	24 mm
Da max	38 mm
ra max	0.6 mm
rNa max	0.5 mm
Db min	47 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.07
EAN	4547359322729
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



AMERICAN BEARING MFG.CORP.

Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.snrbearings.com
Manufacturer Item Number	6004.NR
Weight / LBS	0.15
Bore	0.787 Inch 20 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter