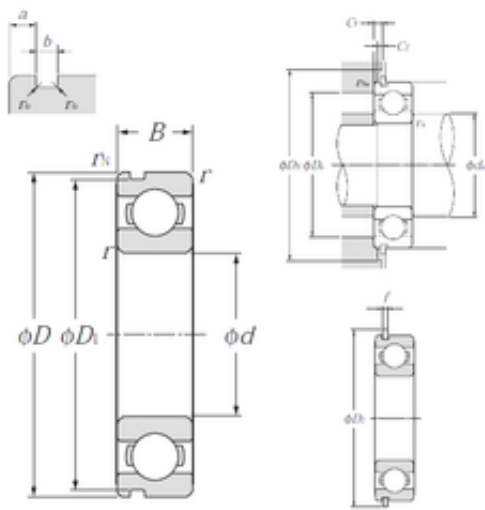




Bearing No. 6004NR

b	1,35 mm
a	2,06 mm
d	20 mm
D	42 mm
B	12 mm
C	12 mm
f	1,12 mm
Dx	47 mm
D2	46,3 mm
D1	39,75 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,5 mm
f0	13.9
Mass	0.07 kg
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
a min	1.9 mm
b max	1.65 mm
b min	1.35 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
Da max	38 mm
rs min	0.6 mm
D3 max	39.75 mm
r0 max	0.4 mm
Db min	47 mm
D4 max	46.3 mm

Weight	0,069 Kg
ra max	0.6 mm
da max	26 mm
da min	24 mm
r min.	0,6 mm
UNSPSC	31171504
rNa max	0.5 mm
da min.	24 mm
r0 max.	0,4 mm
Da max.	38 mm
ra max.	0,6 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Enclosure	Open
Size (mm)	20x42x12
Inventory	0.0
Width (mm)	12
Nlim (oil)	21,000 rpm
Weight / LBS	0.15
Inch - Metric	Metric
Product Group	B00308
Nlim (grease)	18,000 rpm
Cage Material	Steel
Keyword String	Ball
Bearing number	6004NR
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Dynamic load, C	9.4 kN
Static load, C0	5.05 kN
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.654 Inch 42

	Millimeter
Manufacturer URL	http://www.snrbearings.com
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
Manufacturer Name	NTN
Weight / Kilogram	0.07
Bore Diameter (mm)	20
Internal Clearance	C0-Medium
Outer Diameter (mm)	42
Snap ring reference	R42
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.23 kN
Radial clearance class	CN
(Oil) Lubrication Speed	21 000 r/min
Manufacturer Item Number	6004.NR
Internal Special Features	No
(Grease) Lubrication Speed	18 000 r/min
Basic dynamic load rating (C)	9,4 kN
Basic static load rating (C0)	5,05 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, Tmin	
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPF1	5.41 Hz
Characteristic rolling element frequency, BSF	4.76 Hz