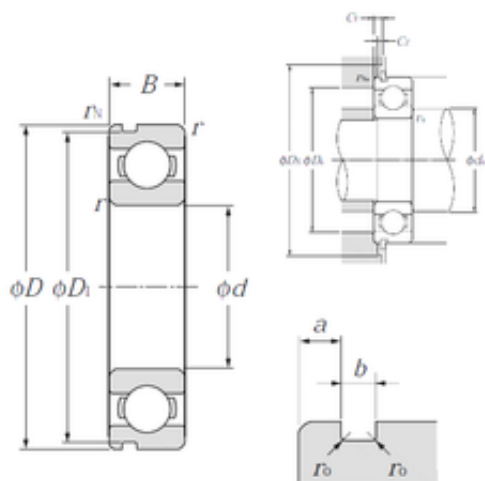




Bearing No. 6204N

a	2,46 mm
b	1,35 mm
d	20 mm
D	47 mm
B	14 mm
C	14 mm
Dx	53,5 mm
Cz	1,2 mm
D1	44,6 mm
rn	0,5 mm
f0	13.2
Cy	3,3 mm
Mass	0.11 kg
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
b max	1.65 mm
b min	1.35 mm
a min	2.31 mm
a max	2.46 mm
da min	25 mm
rs min	1 mm
da max	28 mm
Weight	0,106 Kg
UNSPSC	31171504
ra max	1 mm
Da max	42 mm
r0 max	0.4 mm
r min.	1 mm
D3 max	44.6 mm

ra max.	1 mm
rNs min	0.5 mm
Da max.	42 mm
r0 max.	0,4 mm
da min.	25 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes
Enclosure	Open
Size (mm)	20x47x14
Nlim (oil)	18,000 rpm
Width (mm)	14
Weight / LBS	0.23
Product Group	B00308
Nlim (grease)	16,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Keyword String	Ball
Bearing number	6204N
Precision Class	ABEC 1 ISO P0
Static load, C0	6.65 kN
Dynamic load, C	12.8 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outside Diameter	1.85 Inch 47 Millimeter

Outer Race Width	0.551 Inch 14 Millimeter
Weight / Kilogram	0.104
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	20
Outer Diameter (mm)	47
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	0.3 kN
(Oil) Lubrication Speed	18 000 r/min
Manufacturer Item Number	6204N
Internal Special Features	No
(Grease) Lubrication Speed	16 000 r/min
Basic static load rating (C0)	6,65 kN
Basic dynamic load rating (C)	12,8 kN
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz
Characteristic rolling element frequency, BSF	4.12 Hz

