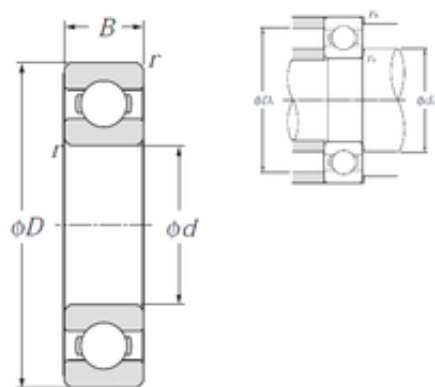




Bearing No. 6204

D	47 mm
d	20 mm
B	14 mm
C	14 mm
f0	13.2
Bore	0.787 Inch 20 Millimeter
Noun	Bearing
Mass	0.11 kg
Da max	42 mm
UNSPSC	31171504
r min.	1 mm
rs min	1 mm
da max	28 mm
da min	25 mm
Weight	0,106 Kg
ra max	1 mm
Da max.	42 mm
ra max.	1 mm
da min.	25 mm
series:	62
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	20x47x14
Nlim (oil)	18,000 rpm
bore type:	Round
Width (mm)	14
Weight / LBS	0.232

maximum rpm:	18000 RPM
Nlim (grease)	16,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	20 mm
cage material:	Steel
fillet radius:	1 mm
overall width:	14 mm
Bearing number	6204
Dynamic load, C	12.8 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	6.65 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	14 mm
inner ring width:	14 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	47 mm

Weight / Kilogram	0.105
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	18000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	20
Outer Diameter (mm)	47
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	16000 rpm
static load capacity:	6650 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	12800 N
Fatigue limit load, Cu	0.3 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	18 000 r/min
Manufacturer Item Number	6204
Internal Special Features	No
(Grease) Lubrication Speed	16 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	6,65 kN
Basic dynamic load rating (C)	12,8 kN
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, Tmin	
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic rolling element frequency, BSF	4.12 Hz