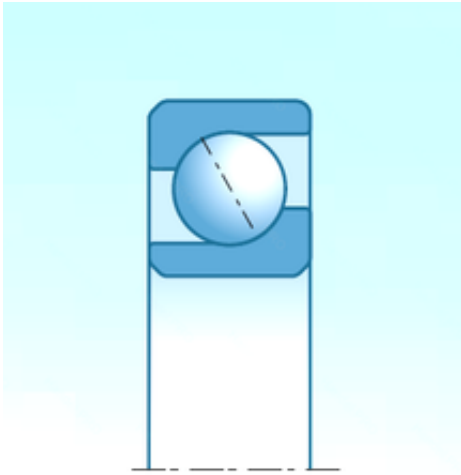




Bearing No. 7204BG

C	14,000 mm
a	21.5 mm
d	20,000 mm
D	47,000 mm
B	14,000 mm
Noun	Bearing
Mass	0.1 kg
Bore	0.787 Inch 20 Millimeter
Width	0.551 Inch 14 Millimeter
Db max	42.5 mm
ra max	0.6 mm
Da max	41.5 mm
db min	24.5 mm
da min	25.5 mm
UNSPSC	31171531
rs min	1 mm
series:	72B
r1s min	0.6 mm
weight:	0.105 kg
r1a max	0.6 mm
Category	Angular Contact Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Size (mm)	20x47x14
bore type:	Round
Width (mm)	14,000
Nlim (oil)	20,000 rpm

Flush Ground	Yes
maximum rpm:	20000 rpm
Weight / LBS	0.232
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	15,000 rpm
Product Group	B00308
closure type:	Open
Contact Angle	40 Degree
Bearing number	7204BG
Keyword String	Angular Contact
bore diameter:	20 mm
cage material:	Steel
contact angle:	40 °
fillet radius:	1 mm
overall width:	14 mm
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	7.7 kN
Dynamic load, C	13.3 kN
Contact angle ?	40 °
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
Outside Diameter	1.85 Inch 47 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Name	NTN
outer ring width:	14 mm

precision rating:	ISO Class 0
outside diameter:	47 mm
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.105
Bore Diameter (mm)	20,000
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	47,000
snap ring included:	Without Snap Ring
internal clearance:	C0
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Radial clearance class	CN
Fatigue limit load, Cu	0.35 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7204BG
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
radial static load capacity:	7700 N
radial dynamic load capacity:	13300 N
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.41 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.53 Hz
Characteristic inner ring frequency, BPF1	6.47 Hz
Characteristic rolling element frequency, BSF	4.22 Hz