



### Bearing No. 7204B

D	47 mm
d	20 mm
B	14 mm
C	14 mm
a	21,5 mm
Mass	0.1 kg
Bore	0.787 Inch   20 Millimeter
Noun	Bearing
Width	0.551 Inch   14 Millimeter
Weight	0,102 Kg
rs min	1 mm
db min	24,5 mm
da min	25.5 mm
Da max	41.5 mm
r min.	1 mm
ra max	1 mm
UNSPSC	31171531
Db max	42.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
ra max.	1 mm
da min.	25,5 mm
r1 min.	0,6 mm
series:	72B
weight:	0.105 kg
Category	Angular Contact Ball Bearing
Size (mm)	20x47x14
Snap Ring	No

Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	20,000 rpm
Width (mm)	14
Flush Ground	No
Weight / LBS	0.232
maximum rpm:	20000 rpm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
Product Group	B00308
Nlim (grease)	15,000 rpm
closure type:	Open
Keyword String	Angular Contact
bore diameter:	20 mm
overall width:	14 mm
contact angle:	40 °
fillet radius:	1 mm
cage material:	Steel
Bearing number	7204B
Angle (?)	40 °
Rolling Element	Ball Bearing
Dynamic load, C	13.3 kN
Static load, C0	7.7 kN
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Contact angle ?	40 °
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Width; Open; No

	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
outside diameter:	47 mm
precision rating:	ISO Class 0
outer ring width:	14 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.105
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	20
snap ring included:	Without Snap Ring
Outer Diameter (mm)	47
internal clearance:	C0
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Fatigue limit load, Cu	0.35 kN
Number of Rows of Balls	Single Row
Manufacturer Item Number	7204B
manufacturer product page:	<a href="#">Click here</a>
(Grease) Lubrication Speed	15 000 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	7700 N
Basic static load rating (C0)	7,7 kN

Basic dynamic load rating (C)	13,3 kN
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 frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.53 Hz
Characteristic inner ring frequency, BPF1	6.47 Hz
Characteristic rolling element frequency, BSF	4.22 Hz