



**Bearing No. 6904Z**

D	37,000 mm
d	20,000 mm
B	9,000 mm
C	9,000 mm
f0	14.7
Bore	0.787 Inch   20 Millimeter
Mass	0.04 kg
Noun	Bearing
UNSPSC	31171504
Da max	35 mm
da min	22 mm
ra max	0.3 mm
rs min	0.3 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	20x37x9
Enclosure	1 Metal Shield
Inventory	0.0
Nlim (oil)	23,000 rpm
Width (mm)	9,000
Product Group	B00308
Nlim (grease)	19,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Keyword String	Ball
Other Features	Deep Groove
Bearing number	6904Z
Dynamic load, C	6.4 kN
Static load, C0	3.7 kN

Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Long Description	20MM Bore; 37MM Outside Diameter; 9MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel
Outside Diameter	1.457 Inch   37 Millimeter
Outer Race Width	0.354 Inch   9 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Name	NTN
Weight / Kilogram	0.03
Bore Diameter (mm)	20,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	37,000
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.17 kN
Internal Special Features	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.42 Hz

Characteristic outer ring frequency, BPF0	4.58 Hz
Characteristic inner ring frequency, BPI	6.42 Hz
Characteristic rolling element frequency, BSF	5.82 Hz