



Bearing No. 6304ZNR

C	15,000 mm
f	1.12 mm
d	20,000 mm
D	52,000 mm
B	15,000 mm
f0	12.4
Noun	Bearing
Mass	0.14 kg
Bore	0.787 Inch 20 Millimeter
a min	2.31 mm
a max	2.46 mm
b max	1.65 mm
b min	1.35 mm
Db min	58.5 mm
UNSPSC	31171504
da min	26.5 mm
Da max	45.5 mm
D4 max	57.9 mm
r0 max	0.4 mm
Ca max	3.58 mm
Ca min	3.33 mm
ra max	1 mm
rs min	1.1 mm
D3 max	49.73 mm
rNs min	0.5 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Size (mm)	20x52x15
Inventory	0.0

Enclosure	1 Metal Shield
Snap Ring	Yes
Width (mm)	15,000
Nlim (oil)	17,000 rpm
Weight / LBS	0.317
Nlim (grease)	14,000 rpm
Product Group	B00308
Cage Material	Steel
Inch - Metric	Metric
Keyword String	Ball
Bearing number	6304ZNR
Dynamic load, C	15.9 kN
Static load, C0	7.9 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	2.047 Inch 52 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outer Race Width	0.591 Inch 15 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.144
Internal Clearance	C3-Loose
Bore Diameter (mm)	20,000
Outer Diameter (mm)	52,000
Snap ring reference	R52

Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.36 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6304ZNR
Internal Special Features	No
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic inner ring frequency, BPFI	4.43 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic rolling element frequency, BSF	3.52 Hz