



Bearing No. 6304

D	52 mm
d	20 mm
B	15 mm
C	15 mm
f0	12.4
Mass	0.14 kg
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
UNSPSC	31171504
da min	26.5 mm
Weight	0,144 Kg
rs min	1.1 mm
Da max	45.5 mm
r min.	1,1 mm
ra max	1 mm
da max	28,5 mm
Da max.	45,5 mm
ra max.	1 mm
da min.	26,5 mm
Category	Single Row Ball Bearing
Size (mm)	20x52x15
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	17,000 rpm
Width (mm)	15
Weight / LBS	0.317
Product Group	B00308

Nlim (grease)	14,000 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	20 mm
Other Features	Deep Groove
overall width:	15 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6304
Dynamic load, C	15.9 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	7.9 kN
finish/coating:	Uncoated
Outer Race Width	0.591 Inch 15 Millimeter
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outside Diameter	2.047 Inch 52 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0.145
outer ring width:	15 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	52 mm
precision rating:	Class 0
Manufacturer Name	NTN
inner ring width:	15 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	17000 rpm
Bore Diameter (mm)	20
Outer Diameter (mm)	52
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	7900 N
maximum rpm (grease):	14000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	0.36 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	15900 N
Radial clearance class	CN
(Oil) Lubrication Speed	17 000 r/min
Manufacturer Item Number	6304
Internal Special Features	No
(Grease) Lubrication Speed	14 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	7,9 kN
Basic dynamic load rating (C)	15,9 kN

Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.37 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BPFI	4.43 Hz
Characteristic rolling element frequency, BSF	3.52 Hz