

6004C3



6004C3 Bearing dimensions and specification in NTN catalogue:

B	12 mm
D	42 mm
d	20 mm
f0	13.9
EAN	4547359544770
Bore	0.787 Inch 20 Millimeter
Mass	0.07 kg
Noun	Bearing
Brand	NTN
Da max	38 mm

NTN 6004C3 Single Row Deep Groove Ball Bearings Bearing Data Sheet:

UNSPSC	31171504
da min	24 mm
ra max	0.6 mm
rs min	0.6 mm
series:	60
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Snap Ring	No
Nlim (oil)	21,000 rpm
bore type:	Round
Weight / LBS	0.152
maximum rpm:	21000 RPM
Cage Material	Steel
Inch - Metric	Metric
Nlim (grease)	18,000 rpm
Product Group	B00308
closure type:	Open
Keyword String	Ball
bore diameter:	20 mm
cage material:	Steel
fillet radius:	0.6 mm
overall width:	12 mm
Dynamic load, C	9.4 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	5.05 kN
finish/coating:	Uncoated

Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.069
bearing material:	High Carbon Chrome Steel
inner ring width:	12 mm
outer ring width:	12 mm
outside diameter:	42 mm
precision rating:	Class 0
Internal Clearance	C3-Loose
maximum rpm (oil):	21000 rpm
internal clearance:	C3
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	18000 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	5050 N
Fatigue limit load, Cu	0.23 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	C3
dynamic load capacity:	9400 N
Manufacturer Item Number	6004UC3
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 ºC
Maximum Capacity / Filling Slot	No

Min operating temperature, T _{min}	-60 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPF1	5.41 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic rolling element frequency, BSF	4.76 Hz