

16004 NTN 20x42x8mm Enclosure Open Deep groove ball bearings

rs min	0.3 mm
Radial clearance class	CN
Mass	0.05 kg
Dynamic load, C	7.9 kN
Static load, C0	4.5 kN
Fatigue limit load, Cu	0.2 kN
f0	14.5
Nlim (oil)	21.000 rpm
Nlim (grease)	18.000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.51 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic inner ring frequency, BRFI	5.88 Hz
da min	22 mm
Da max	40 mm
ra max	0.3 mm
Category	Single Row Ball Bearings

BDI Inventory	10.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.051
EAN	4547359010107
Product Group – BDI	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 8MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category – BDI	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	16004
Weight / LBS	0.113
Bore	0.787 Inch 20 Millimeter

Outside Diameter	1.654 Inch 42 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter
Bearing number	16004
Size (mm)	20x42x8
Brand	NTN
Bore Diameter (mm)	20
Outer Diameter (mm)	42
Width (mm)	8
d	20 mm
D	42 mm
B	8 mm
C	8 mm
r min.	0.3 mm
da min.	22 mm
Da max.	40 mm
ra max.	0.3 mm
Weight	0.051 Kg
Basic dynamic load rating (C)	7.9 kN
Basic static load rating (C0)	4.5 kN
(Grease) Lubrication Speed	18 000 r/min
(Oil) Lubrication Speed	21 000 r/min
bore diameter:	20 mm
precision rating:	Class 0
outside diameter:	42 mm
finish/coating:	Uncoated
overall width:	8 mm
bearing material:	High Carbon Chrome Steel

bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	8 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	18000 rpm
internal clearance:	CN
maximum rpm (oil):	21000 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	0.3 mm
dynamic load capacity:	7900 N
manufacturer product page:	Click here
static load capacity:	4500 N