

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, C ₀	4.5 kN
Fatigue limit load, C _u	0.2 kN
f ₀	14.5
N _{lim} (oil)	21.000 rpm
N _{lim} (grease)	18.000 rpm
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.51 Hz
Characteristic outer ring frequency, BPF ₀	4.12 Hz
Characteristic inner ring frequency, BPF _I	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