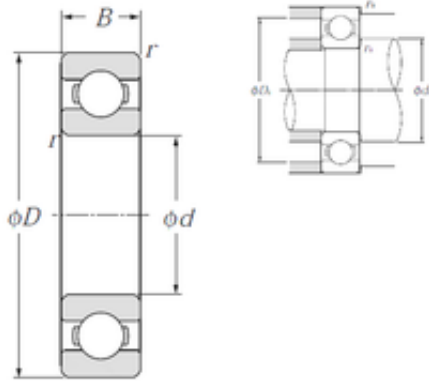




# NTN Mettmann(Deutschland) GmbH

6200 6201 6202 6203 6204 6205 NTN deep groove ball bearing NTN ball bearing NTN



Bearing No. 6200

6200 Bearing 2D drawings and 3D CAD models

Size	10x30x9 mm
Bore Diameter	10 mm
Outer Diameter	30 mm
Width	9 mm
d	10 mm
D	30 mm
B	9 mm
C	9 mm
r min.	0,6 mm
da min.	14 mm
da max	16 mm
Da max.	26 mm
ra max.	0,6 mm
Weight	0,032 Kg
Basic dynamic load rating (C)	5,1 kN
Basic static load rating (C0)	2,39 kN
(Grease) Lubrication Speed	25 000 r/min
(Oil) Lubrication Speed	30 000 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	5.1 kN
Static load, C0	2.39 kN
Fatigue limit load, Cu	0.11 kN
f0	13.2



## NTN Mettmann(Deutschland) GmbH

Nlim (oil)	30,000 rpm
Nlim (grease)	25,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRF1	4.93 Hz
da min	14 mm
Da max	26 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.032
EAN	4547359004397
Product Group	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



## NTN Mettmann(Deutschland) GmbH

Long Description	10MM Bore; 30MM Outside Diameter; 9MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6200
Weight / LBS	0.071
Outside Diameter	1.181 Inch   30 Millimeter
Outer Race Width	0.354 Inch   9 Millimeter
Bore	0.394 Inch   10 Millimeter
bore diameter:	10 mm
finish/coating:	Uncoated
outside diameter:	30 mm
bearing material:	High Carbon Chrome Steel
overall width:	9 mm
cage material:	Steel
bore type:	Round
inner ring width:	9 mm
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	25000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	30000 rpm
internal clearance:	CN



## NTN Mettmann(Deutschland) GmbH

fillet radius:	0.6 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	30000 RPM
dynamic load capacity:	5100 N
series:	62
static load capacity:	2390 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0