



Bearing No. 16020

D	150 mm
d	100 mm
B	16 mm
C	16 mm
f0	16.4
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Mass	0.91 kg
ra max	1 mm
rs min	1 mm
UNSPSC	31171504
r min.	1 mm
da min	105 mm
Da max	145 mm
Weight	0,91 Kg
ra max.	1 mm
da min.	105 mm
Da max.	145 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	100x150x16
Snap Ring	No
Nlim (oil)	5,000 rpm
bore type:	Round
Width (mm)	16
Weight / LBS	2.1241
Product Group	B00308
Inch - Metric	Metric

Cage Material	Steel
closure type:	Open
Nlim (grease)	4,200 rpm
Other Features	Deep Groove Radial
Keyword String	Ball
Bearing number	16020
bore diameter:	100 mm
overall width:	16 mm
Dynamic load, C	35 kN
Static load, C0	36.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Long Description	100MM Bore; 150MM Outside Diameter; 16MM 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
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.93
outside diameter:	150 mm
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A

Fatigue limit load, Cu	1.48 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	5 000 r/min
manufacturer upc number:	4547359515817
Internal Special Features	No
(Grease) Lubrication Speed	4 200 r/min
Basic dynamic load rating (C)	35 kN
Basic static load rating (C0)	36,5 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	11.37 Hz
Characteristic outer ring frequency, BPF0	9.63 Hz
Characteristic rolling element frequency, BSF	12.03 Hz