



Bearing No. 6014

D	110 mm
d	70 mm
B	20 mm
C	20 mm
f0	15.6
Mass	0.6 kg
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
UNSPSC	31171504
da min	76.5 mm
Weight	0,604 Kg
rs min	1.1 mm
Da max	103.5 mm
r min.	1,1 mm
ra max	1 mm
da max	80,5 mm
Da max.	103,5 mm
ra max.	1 mm
da min.	76,5 mm
Category	Single Row Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	70x110x20
Nlim (oil)	7,100 rpm
bore type:	Round
Width (mm)	20
Weight / LBS	1.33
Nlim (grease)	6,100 rpm

Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Product Group	B00308
Keyword String	Ball
bore diameter:	70 mm
Other Features	Deep Groove
overall width:	20 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6014
Precision Class	ABEC 1 ISO P0
Dynamic load, C	38 kN
Rolling Element	Ball Bearing
Static load, C0	31 kN
finish/coating:	Uncoated
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	0.787 Inch 20 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	70MM Bore; 110MM Outside Diameter; 20MM 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
bearing material:	High Carbon Chrome Steel
precision rating:	Class 0

outside diameter:	110 mm
inner ring width:	20 mm
outer ring width:	20 mm
Manufacturer Name	NTN
Weight / Kilogram	0.612
Internal Clearance	C0-Medium
maximum rpm (oil):	7100 rpm
Bore Diameter (mm)	70
Outer Diameter (mm)	110
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	31000 N
maximum rpm (grease):	6100 rpm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
dynamic load capacity:	38000 N
Fatigue limit load, Cu	1.41 kN
(Oil) Lubrication Speed	7 100 r/min
Internal Special Features	No
(Grease) Lubrication Speed	6 100 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	38 kN
Basic static load rating (C0)	31 kN
Max operating temperature, Tmax	120 °C

Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.07 Hz
Characteristic inner ring frequency, BPF1	7.93 Hz
Characteristic rolling element frequency, BSF	7.43 Hz