



Bearing No. 6214

D	125 mm
d	70 mm
B	24 mm
C	24 mm
f0	14.5
Mass	1.07 kg
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
UNSPSC	31171504
da min	78 mm
Weight	1,07 Kg
rs min	1.5 mm
Da max	117 mm
r min.	1,5 mm
ra max	1.5 mm
da max	85 mm
Da max.	117 mm
ra max.	1,5 mm
da min.	78 mm
Category	Single Row Ball Bearing
Size (mm)	70x125x24
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	6,000 rpm
Width (mm)	24
Weight / LBS	2.36
Product Group	B00308

Nlim (grease)	5,100 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	70 mm
Other Features	Deep Groove
overall width:	24 mm
cage material:	Steel
fillet radius:	1.5 mm
Bearing number	6214
Dynamic load, C	62 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	44 kN
finish/coating:	Uncoated
Outer Race Width	0.945 Inch 24 Millimeter
Long Description	70MM Bore; 125MM Outside Diameter; 24MM 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
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	4.921 Inch 125 Millimeter
Weight / Kilogram	1.051
outer ring width:	24 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	125 mm
precision rating:	Class 0
Manufacturer Name	NTN
inner ring width:	24 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	6000 rpm
Bore Diameter (mm)	70
Outer Diameter (mm)	125
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	44000 N
maximum rpm (grease):	5100 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	2 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	62000 N
Radial clearance class	CN
(Oil) Lubrication Speed	6 000 r/min
Manufacturer Item Number	6214
Internal Special Features	No
(Grease) Lubrication Speed	5 100 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	44 kN
Basic dynamic load rating (C)	62 kN

Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.1 Hz
Characteristic inner ring frequency, BPFI	5.9 Hz
Characteristic rolling element frequency, BSF	5.4 Hz