



BEARING CORP.OF AMERICA

70 mm x 100 mm x 16 mm 71909C HQ1 P4 Ceramic Ball Bearings (45x68x12mm)



Bearing No. 6914

6914 Bearing 2D drawings and 3D CAD models

Size	70x100x16 mm
Bore Diameter	70 mm
Outer Diameter	100 mm
Width	16 mm
d	70 mm
D	100 mm
B	16 mm
C	16 mm
r min.	1 mm
da min.	75 mm
da max	77,5 mm
Da max.	95 mm
ra max.	1 mm
Weight	0,334 Kg
Basic dynamic load rating (C)	23,7 kN
Basic static load rating (C0)	21,2 kN
(Grease) Lubrication Speed	6 500 r/min
(Oil) Lubrication Speed	7 700 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.33 kg
Dynamic load, C	23.7 kN
Static load, C0	21.2 kN
Fatigue limit load, Cu	0.96 kN
f0	16.3



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Nlim (oil)	7,700 rpm
Nlim (grease)	6,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	75 mm
Da max	95 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.335
EAN	4547359006971
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
Long Description	70MM Bore; 100MM Outside Diameter; 16MM 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



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Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6914
Weight / LBS	0.74
Outside Diameter	3.937 Inch 100 Millimeter
Bore	2.756 Inch 70 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
bore diameter:	70 mm
precision rating:	Class 0
outside diameter:	100 mm
finish/coating:	Uncoated
overall width:	16 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	16 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6500 rpm
internal clearance:	CN
maximum rpm (oil):	7700 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1 mm
dynamic load capacity:	23700 N
manufacturer product page:	Click here
static load capacity:	21200 N