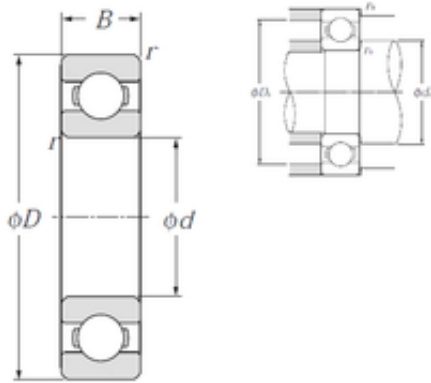




NTN BEARING-SUDAMERICANA, S.A.

70 mm x 110 mm x 13 mm NTN 16014 Ball bearing

Bearing No. 16014



16014 Bearing 2D drawings and 3D CAD models

Size	70x110x13 mm
Bore Diameter	70 mm
Outer Diameter	110 mm
Width	13 mm
d	70 mm
D	110 mm
B	13 mm
C	13 mm
r min.	0,6 mm
da min.	74 mm
Da max.	106 mm
ra max.	0,6 mm
Weight	0,441 Kg
Basic dynamic load rating (C)	24,4 kN
Basic static load rating (C0)	22,6 kN
(Grease) Lubrication Speed	6 100 r/min
(Oil) Lubrication Speed	7 100 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.44 kg
Dynamic load, C	24.4 kN
Static load, C0	22.6 kN
Fatigue limit load, Cu	1.03 kN
f0	16.5
Nlim (oil)	7,100 rpm



NTN BEARING-SUDAMERICANA, S.A.

Nlim (grease)	6,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.21 Hz
Characteristic outer ring frequency, BPF0	8.13 Hz
Characteristic inner ring frequency, BRF1	9.87 Hz
da min	74 mm
Da max	106 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.432
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; 110MM Outside Diameter; 13MM Outer Race Diameter;



NTN BEARING-SUDAMERICANA, S.A.

	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	http://www.ntnamerica.com
Manufacturer Item Number	16014
Weight / LBS	0.955
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Bore	2.756 Inch 70 Millimeter
bore diameter:	70 mm
finish/coating:	Uncoated
outside diameter:	110 mm
bearing material:	High Carbon Chrome Steel
overall width:	13 mm
cage material:	Steel
bore type:	Round
inner ring width:	13 mm
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6100 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	7100 rpm
internal clearance:	CN
fillet radius:	0.6 mm
operating temperature range:	-40 to 120 ° C



NTN BEARING-SUDAMERICANA, S.A.

maximum rpm:	7100 RPM
dynamic load capacity:	24400 N
series:	600
static load capacity:	22600 N
manufacturer product page:	Click here
precision rating:	Class 0