



NTN-SNR BEARING RULMENTI S.R.L.

100 mm x 215 mm x 47 mm NTN 7320BL1G
Single row or matched pairs of angular contact ball bearings

Bearing No. 7320BL1G

d	100 mm
D	215 mm
B	47 mm
a	89.5 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	8.32 kg
Dynamic load, C	190 kN
Static load, C0	178 kN
Fatigue limit load, Cu	6.4 kN
Nlim (oil)	4,000 rpm
Nlim (grease)	3,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.17 Hz
Characteristic outer ring frequency, BPF0	4.93 Hz
Characteristic inner ring frequency, BPF1	7.07 Hz

7320BL1G Bearing 2D drawings and 3D CAD models



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da min	114 mm
db min	107 mm
Da max	201 mm
Db max	208 mm
r1a max	1 mm
ra max	2.5 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	8.35
EAN	4547359453461
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring



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Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7320BL1G
Weight / LBS	18.387
Bore	3.937 Inch 100 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Width	1.85 Inch 47 Millimeter
bore diameter:	100 mm
radial static load capacity:	178000 N
outside diameter:	215 mm
operating temperature range:	-40 to 120 ° C
overall width:	47 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	47 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	4000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	3 mm
snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel



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weight:	8.320 kg
radial dynamic load capacity:	190000 N
manufacturer product page:	Click here