



NTN-SNR BEARING RULMENTI S.R.L.

105 mm x 190 mm x 36 mm NTN 7221BL1G
Single row or matched pairs of angular contact ball bearings

Bearing No. 7221BL1G

d	105 mm
D	190 mm
B	36 mm
a	80 mm
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	4.35 kg
Dynamic load, C	142 kN
Static load, C0	129 kN
Fatigue limit load, Cu	4.85 kN
Nlim (oil)	4,300 rpm
Nlim (grease)	3,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	117 mm
db min	112 mm
Da max	178 mm
Db max	183 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings

7221BL1G Bearing 2D drawings and 3D CAD models



NTN-SNR BEARING RULMENTI S.R.L.

Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.37
EAN	4547359446920
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	105MM Bore; 190MM Outside Diameter; 36MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
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



NTN-SNR BEARING RULMENTI S.R.L.

Manufacturer Item Number	7221BL1G
Weight / LBS	9.614
Bore	4.134 Inch 105 Millimeter
Width	1.417 Inch 36 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
bore diameter:	105 mm
radial static load capacity:	129000 N
outside diameter:	190 mm
operating temperature range:	-40 to 120 ° C
overall width:	36 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	36 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	4300 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	2.1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	4.350 kg
radial dynamic load capacity:	142000 N
manufacturer product page:	Click here