



NTN-SNR BEARING RULMENTI S.R.L.

17 mm x 40 mm x 12 mm NTN 7203BL1G
Single row or matched pairs of angular contact ball bearings

Bearing No. 7203BL1G

d	17 mm
D	40 mm
B	12 mm
a	18 mm
Contact angle	40 °
rs min	0.6 mm
r1s min	0.3 mm
Radial clearance class	CN
Mass	0.07 kg
Dynamic load, C	9.6 kN
Static load, C0	5 kN
Fatigue limit load, Cu	0.23 kN
Nlim (oil)	22,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	3.89 Hz
Characteristic outer ring frequency, BPF0	3.65 Hz
Characteristic inner ring frequency, BPF1	5.35 Hz

7203BL1G Bearing 2D drawings and 3D CAD models



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da min	21.5 mm
db min	19.5 mm
Da max	35.5 mm
Db max	37.5 mm
r1a max	0.3 mm
ra max	0.6 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.065
EAN	0692314637449
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	17MM Bore; 40MM Outside Diameter; 12MM 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	7203BL1G
Weight / LBS	0.145
Outside Diameter	1.575 Inch 40 Millimeter
Bore	0.669 Inch 17 Millimeter
Width	0.472 Inch 12 Millimeter
bore diameter:	17 mm
radial static load capacity:	6100 N
outside diameter:	40 mm
operating temperature range:	-40 to 120 ° C
overall width:	12 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	12 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	22000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel



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weight:	0.066 kg
radial dynamic load capacity:	11000 N
manufacturer product page:	Click here