



## NTN-SNR BEARING RULMENTI S.R.L.

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



7203B Bearing 2D drawings and 3D CAD models

Bearing No. 7203B

Size	17x40x12 mm
Bore Diameter	17 mm
Outer Diameter	40 mm
Width	12 mm
d	17 mm
D	40 mm
B	12 mm
C	12 mm
Angle ( ° )	40 °
a	18 mm
r min.	0,6 mm
r1 min.	0,3 mm
da min.	21,5 mm
db min	19,5 mm
ra max.	0,6 mm
Weight	0,066 Kg
Basic dynamic load rating (C)	11 kN
Basic static load rating (C0)	6,1 kN
(Grease) Lubrication Speed	17 000 r/min
Contact angle	40 °
rs min	0.6 mm
r1s min	0.3 mm
Mass	0.07 kg
Dynamic load, C	11 kN



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Static load, C0	6.1 kN
Fatigue limit load, Cu	0.28 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	4.46 Hz
Characteristic inner ring frequency, BPF1	6.54 Hz
da min	21.5 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	1.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.06
EAN	4547359437133
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0



## NTN-SNR BEARING RULMENTI S.R.L.

Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Width; Open; No 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	<a href="http://www.ntn-snr.com">http://www.ntn-snr.com</a>
Manufacturer Item Number	7203.B
Weight / LBS	0.141
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:	Steel
contact angle:	40 °



## NTN-SNR BEARING RULMENTI S.R.L.

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
weight:	0.066 kg
radial dynamic load capacity:	11000 N
manufacturer product page:	<a href="#">Click here</a>