



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

65 mm x 140 mm x 33 mm NTN 7313B Single row or matched pairs of angular contact ball bearings



Bearing No. 7313B

Size	65x140x33 mm
Bore Diameter	65 mm
Outer Diameter	140 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
C	33 mm
Angle ( ° )	40 °
a	59,5 mm
r min.	2,1 mm
r1 min.	1,1 mm
da min.	77 mm
db min	72 mm
ra max.	2 mm
Weight	2,15 Kg
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	75 kN
(Grease) Lubrication Speed	4 700 r/min
Contact angle	40 °
rs min	2.1 mm
r1s min	1.1 mm
Mass	2.15 kg
Dynamic load, C	102 kN

7313B Bearing 2D drawings and 3D CAD models



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

Static load, C0	75 kN
Fatigue limit load, Cu	3.35 kN
Nlim (oil)	6,300 rpm
Nlim (grease)	4,700 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
da min	77 mm
Da max	128 mm
Db max	133 mm
r1a max	1 mm
ra max	2 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.15
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
Maximum Capacity / Filling Slot	No



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

Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	65MM Bore; 140MM Outside Diameter; 33MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single)
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.ntnamerica.com">http://www.ntnamerica.com</a>
Bore	2.559 Inch   65 Millimeter
Width	1.299 Inch   33 Millimeter
Outside Diameter	5.512 Inch   140 Millimeter