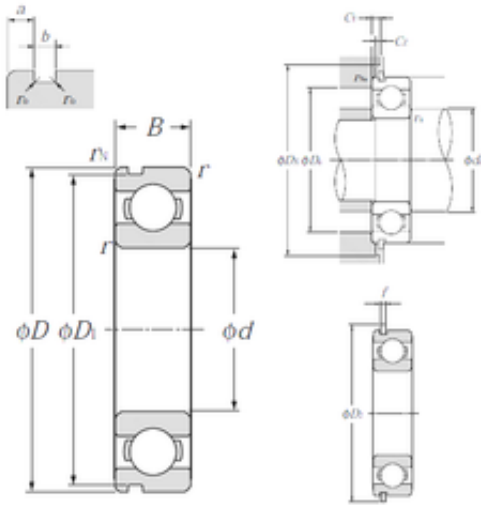




# Double BALL BEARINGS CO, LTD



40 mm x 80 mm x 18 mm NTN 6208NR deep groove ball bearings

Bearing No. 6208NR

6208NR Bearing 2D drawings and 3D CAD models

Size	40x80x18 mm
Bore Diameter	40 mm
Outer Diameter	80 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
C	18 mm
rn	0,5 mm
a	3,28 mm
b	1,9 mm
f	1,7 mm
r min.	1,1 mm
r0 max.	0,6 mm
D1	76,81 mm
D2	86,6 mm
da min.	46,5 mm
da max	51 mm
Da max.	73,5 mm
ra max.	1 mm
Dx	88 mm
Cy	4,6 mm
Cz	1,7 mm
rn	0,5 mm
Weight	0,366 Kg



## Double BALL BEARINGS CO, LTD

Basic dynamic load rating (C)	29,1 kN
Basic static load rating (C0)	17,8 kN
(Grease) Lubrication Speed	8 700 r/min
(Oil) Lubrication Speed	10 000 r/min
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
Ca max	4.98 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	76.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	86.6 mm
Snap ring reference	R80
Radial clearance class	CN
Mass	0.37 kg
Dynamic load, C	29.1 kN
Static load, C0	17.8 kN
Fatigue limit load, Cu	0.81 kN
f0	14
Nlim (oil)	10,000 rpm
Nlim (grease)	8,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.84 Hz
Characteristic outer ring	3.61 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.39 Hz
da min	46.5 mm
Da max	73.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	88 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.36
EAN	4547359363197
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



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Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.snrbearings.com">http://www.snrbearings.com</a>
Manufacturer Item Number	6208.NR
Weight / LBS	0.795
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.575 Inch   40 Millimeter
bore diameter:	40 mm
precision rating:	ISO Class 0
outside diameter:	80 mm
finish/coating:	Uncoated
overall width:	18 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	18 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	8700 rpm
internal clearance:	CN
maximum rpm (oil):	10000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.1 mm
dynamic load capacity:	29100 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	17800 N