



100 mm x 180 mm x 34 mm NTN 6220NR deep groove ball bearings

Bearing No. 6220NR

6220NR Bearing 2D drawings and 3D CAD models

Size	100x180x34 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	34 mm
d	100 mm
D	180 mm
B	34 mm
C	34 mm
rn	0,5 mm
a	5,69 mm
b	3,5 mm
f	3,1 mm
r min.	2,1 mm
r0 max.	0,6 mm
D1	173,66 mm
D2	192,9 mm
da min.	111 mm
da max	122 mm
Da max.	169 mm
ra max.	2 mm
Dx	195 mm
Cy	8,4 mm
Cz	3,1 mm
rn	0,5 mm
Weight	3,14 Kg



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Basic dynamic load rating (C)	122 kN
Basic static load rating (C0)	93 kN
(Grease) Lubrication Speed	3 500 r/min
(Oil) Lubrication Speed	4 200 r/min
a min	5.44 mm
a max	5.69 mm
Ca min	8.54 mm
Ca max	8.79 mm
rs min	2.1 mm
rNs min	0.5 mm
D3 max	173.66 mm
b min	3.5 mm
b max	3.8 mm
r0 max	0.6 mm
D4 max	192.9 mm
Snap ring reference	R180
Radial clearance class	CN
Mass	3.14 kg
Dynamic load, C	122 kN
Static load, C0	93 kN
Fatigue limit load, Cu	4.25 kN
f0	14.4
Nlim (oil)	4,200 rpm
Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	111 mm
Da max	169 mm
ra max	2 mm
rNa max	0.5 mm



## Y.S INTERNATIONAL IMPORT&EXPORT CO., ...

Db min	195 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.14
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	100MM Bore; 180MM Outside Diameter; 34MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   With Snap Ring
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	6.89826



## Y.S INTERNATIONAL IMPORT&EXPORT CO., ...

Inner Race Width	0 Inch   0 Millimeter
Bore	3.937 Inch   100 Millimeter
Outer Race Width	1.339 Inch   34 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter