



# KRS Guide Wheel Bearing Co., Ltd

110 mm x 170 mm x 28 mm NTN 6022 deep groove ball bearings



Bearing No. 6022

6022 Bearing 2D drawings and 3D CAD models

Size	110x170x28 mm
Bore Diameter	110 mm
Outer Diameter	170 mm
Width	28 mm
d	110 mm
D	170 mm
B	28 mm
C	28 mm
r min.	2 mm
da min.	119 mm
da max	126 mm
Da max.	161 mm
ra max.	2 mm
Weight	1,96 Kg
Basic dynamic load rating (C)	82 kN
Basic static load rating (C0)	73 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
rs min	2 mm
Radial clearance class	CN
Mass	1.96 kg
Dynamic load, C	82 kN
Static load, C0	73 kN
Fatigue limit load, Cu	2.8 kN
f0	15.6



## KRS Guide Wheel Bearing Co., Ltd

Nlim (oil)	4,500 rpm
Nlim (grease)	3,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.54 Hz
Characteristic outer ring frequency, BPF0	6.09 Hz
Characteristic inner ring frequency, BRF1	7.91 Hz
da min	119 mm
Da max	161 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.972
EAN	4547359337266
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric



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Long Description	110MM Bore; 170MM Outside Diameter; 28MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
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>
Manufacturer Item Number	6022
Weight / LBS	4.32
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	1.102 Inch   28 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Bore	4.331 Inch   110 Millimeter
bore diameter:	110 mm
finish/coating:	Uncoated
outside diameter:	170 mm
bearing material:	High Carbon Chrome Steel
overall width:	28 mm
cage material:	Steel
bore type:	Round
inner ring width:	28 mm
closure type:	Open
outer ring width:	28 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3800 rpm



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snap ring included:	Without Snap Ring
maximum rpm (oil):	4500 rpm
internal clearance:	CN
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	4500 RPM
dynamic load capacity:	82000 N
series:	60
static load capacity:	73000 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0