



# KRS Guide Wheel Bearing Co., Ltd

## 85 mm x 130 mm x 22 mm NTN 6017 deep groove ball bearings



Bearing No. 6017

6017 Bearing 2D drawings and 3D CAD models

Size	85x130x22 mm
Bore Diameter	85 mm
Outer Diameter	130 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
C	22 mm
r min.	1,1 mm
da min.	91,5 mm
da max	97 mm
Da max.	123,5 mm
ra max.	1 mm
Weight	0,89 Kg
Basic dynamic load rating (C)	49,5 kN
Basic static load rating (C0)	43 kN
(Grease) Lubrication Speed	5 000 r/min
(Oil) Lubrication Speed	5 900 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.89 kg
Dynamic load, C	49.5 kN
Static load, C0	43 kN
Fatigue limit load, Cu	1.89 kN
f0	15.8



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Nlim (oil)	5,900 rpm
Nlim (grease)	5,000 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	7.84 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic inner ring frequency, BPF1	8.44 Hz
da min	91.5 mm
Da max	123.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.901
EAN	4547359004212
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	85MM Bore; 130MM Outside Diameter; 22MM 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	6017
Weight / LBS	1.96
Outer Race Width	0.866 Inch   22 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	3.346 Inch   85 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
bore diameter:	85 mm
precision rating:	Class 0
outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	22 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	22 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	22 mm



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snap ring included:	Without Snap Ring
maximum rpm (grease):	5000 rpm
internal clearance:	CN
maximum rpm (oil):	5900 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.1 mm
dynamic load capacity:	49500 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	43000 N