



75 mm x 115 mm x 20 mm NTN 6015NR Deep groove ball bearing

Bearing No. 6015NR

Size	75x115x20 mm
Bore Diameter	75 mm
Outer Diameter	115 mm
Width	20 mm
d	75 mm
D	115 mm
B	20 mm
C	20 mm
rn	0,5 mm
a	2,87 mm
b	2,7 mm
f	2,46 mm
r min.	1,1 mm
r0 max.	0,6 mm
D1	111,81 mm
D2	121,6 mm
da min.	81,5 mm
da max	85,5 mm
Da max.	108,5 mm
ra max.	1 mm
Dx	123 mm
Cy	5 mm
Cz	2,5 mm
rn	0,5 mm
Weight	0,649 Kg

6015NR Bearing 2D drawings and 3D CAD models

Basic dynamic load rating (C)	39,5 kN
Basic static load rating (C0)	33,5 kN
(Grease) Lubrication Speed	5 700 r/min
(Oil) Lubrication Speed	6 700 r/min
a min	2.67 mm
a max	2.87 mm
Ca min	5.13 mm
Ca max	5.33 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	111.81 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	121.6 mm
Snap ring reference	R115
Radial clearance class	CN
Mass	0.65 kg
Dynamic load, C	39.5 kN
Static load, C0	33.5 kN
Fatigue limit load, Cu	1.52 kN
f0	15.8
Nlim (oil)	6,700 rpm
Nlim (grease)	5,700 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	7.85 Hz
Characteristic outer ring	6.56 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	8.44 Hz
da min	81.5 mm
Da max	108.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	123 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.64
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	75MM Bore; 115MM Outside Diameter; 20MM 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
Noun	Bearing

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Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6015NR
Weight / LBS	1.41
Outer Race Width	0.787 Inch 20 Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	4.528 Inch 115 Millimeter
bore diameter:	75 mm
finish/coating:	Uncoated
outside diameter:	115 mm
bearing material:	High Carbon Chrome Steel
overall width:	20 mm
cage material:	Steel
bore type:	Round
inner ring width:	20 mm
closure type:	Open
outer ring width:	20 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	5700 rpm
snap ring included:	With Snap Ring
maximum rpm (oil):	6700 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	6700 RPM
dynamic load capacity:	33500 N
series:	60
static load capacity:	33500 N
manufacturer product page:	Click here
precision rating:	ISO Class 0