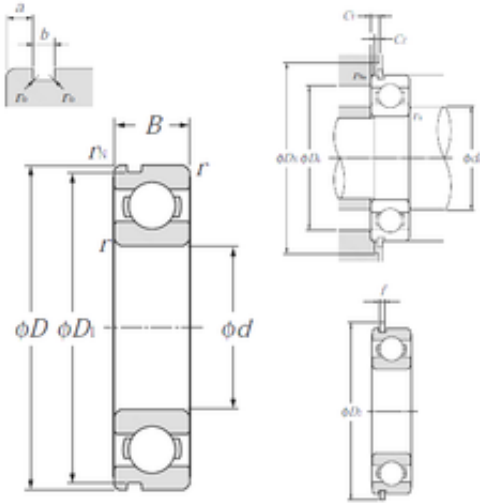




Double BALL BEARINGS CO, LTD



75 mm x 130 mm x 25 mm NTN 6215NR deep groove ball bearings

Bearing No. 6215NR

6215NR Bearing 2D drawings and 3D CAD models

Size	75x130x25 mm
Bore Diameter	75 mm
Outer Diameter	130 mm
Width	25 mm
d	75 mm
D	130 mm
B	25 mm
C	25 mm
rn	0,5 mm
a	4,06 mm
b	3,1 mm
f	2,82 mm
r min.	1,5 mm
r0 max.	0,6 mm
D1	125,22 mm
D2	139,7 mm
da min.	83 mm
da max	90,5 mm
Da max.	122 mm
ra max.	1,5 mm
Dx	141,5 mm
Cy	6,5 mm
Cz	2,9 mm
rn	0,5 mm
Weight	1,18 Kg



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Basic dynamic load rating (C)	66 kN
Basic static load rating (C0)	49,5 kN
(Grease) Lubrication Speed	4 800 r/min
(Oil) Lubrication Speed	5 600 r/min
a min	3.86 mm
a max	4.06 mm
Ca min	6.68 mm
Ca max	6.88 mm
rs min	1.5 mm
rNs min	0.5 mm
D3 max	125.22 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	139.7 mm
Snap ring reference	R130
Radial clearance class	CN
Mass	1.18 kg
Dynamic load, C	66 kN
Static load, C0	49.5 kN
Fatigue limit load, Cu	2.21 kN
f0	14.7
Nlim (oil)	5,600 rpm
Nlim (grease)	4,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.76 Hz
Characteristic outer ring	4.57 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	6.43 Hz
da min	83 mm
Da max	122 mm
ra max	1.5 mm
rNa max	0.5 mm
Db min	141.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.221
EAN	4547359371062
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; 130MM Outside Diameter; 25MM 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



Double BALL BEARINGS CO, LTD

Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6215NR
Weight / LBS	2.54
Inner Race Width	0 Inch 0 Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
bore diameter:	75 mm
finish/coating:	Uncoated
outside diameter:	130 mm
bearing material:	High Carbon Chrome Steel
overall width:	25 mm
cage material:	Steel
bore type:	Round
inner ring width:	25 mm
closure type:	Open
outer ring width:	25 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4800 rpm
snap ring included:	With Snap Ring
maximum rpm (oil):	5600 rpm
internal clearance:	CN
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	5600 RPM
dynamic load capacity:	66000 N



Double BALL BEARINGS CO, LTD

series:	62
static load capacity:	49500 N
manufacturer product page:	Click here
precision rating:	ISO Class 0