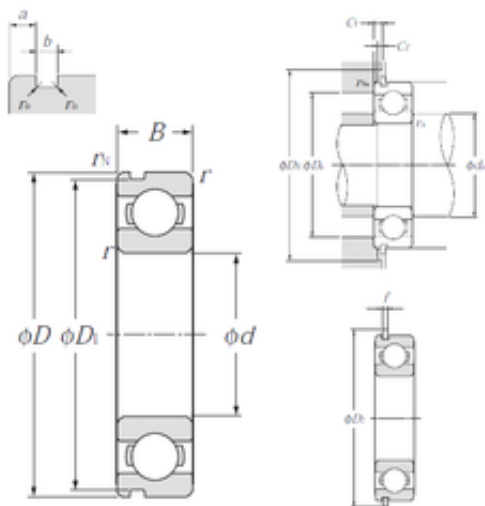




Bearing No. 6310NR

b	2,7 mm
d	50 mm
D	110 mm
B	27 mm
C	27 mm
f	2,46 mm
a	3,28 mm
D1	106,81 mm
D2	116,6 mm
Cy	5,4 mm
f0	13.2
rn	0,5 mm
Dx	118 mm
Cz	2,5 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Mass	1.07 kg
b max	3 mm
b min	2.7 mm
a min	3.07 mm
a max	3.28 mm
UNSPSC	31171504
D4 max	116.6 mm
Db min	118 mm
da min	59 mm
D3 max	106.81 mm
Da max	101 mm
rs min	2 mm
Ca max	5.74 mm

Ca min	5.43 mm
r0 max	0.6 mm
ra max	2 mm
da max	68,5 mm
r min.	2 mm
Weight	1,07 Kg
series:	63
r0 max.	0,6 mm
da min.	59 mm
rNa max	0.5 mm
Da max.	101 mm
rNs min	0.5 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Size (mm)	50x110x27
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	7,500 rpm
bore type:	Round
Width (mm)	27
Weight / LBS	2.354
maximum rpm:	7500 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	6,400 rpm
Keyword String	Ball
Bearing number	6310NR
fillet radius:	2 mm
cage material:	Steel

overall width:	27 mm
bore diameter:	50 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	62 kN
Static load, C0	38.5 kN
Outer Race Width	1.063 Inch 27 Millimeter
Manufacturer URL	http://www.snrbearings.com
Outside Diameter	4.331 Inch 110 Millimeter
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
bearing material:	High Carbon Chrome Steel
inner ring width:	27 mm
outer ring width:	27 mm
outside diameter:	110 mm
precision rating:	ISO Class 0
Weight / Kilogram	1.07
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
maximum rpm (oil):	7500 rpm
internal clearance:	CN
Snap ring reference	R110
snap ring included:	With Snap Ring
Outer Diameter (mm)	110

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	6400 rpm
static load capacity:	38500 N
dynamic load capacity:	62000 N
Fatigue limit load, Cu	1.75 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 500 r/min
Manufacturer Item Number	6310.NR
Internal Special Features	No
(Grease) Lubrication Speed	6 400 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	38,5 kN
Basic dynamic load rating (C)	62 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz
Characteristic rolling	4.07 Hz

element frequency, BSF	
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