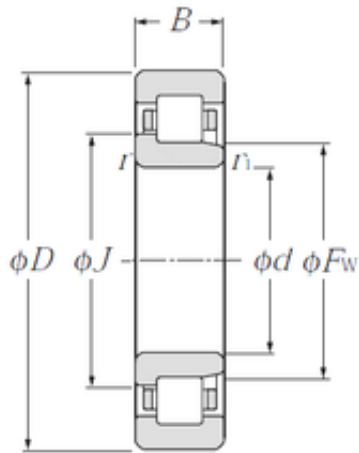




# SAF BEARING LIMITED



50 mm x 110 mm x 27 mm NTN NJ310 Single row cylindrical roller bearings

Bearing No. NJ310

NJ310 Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
d	50 mm
Fw	65 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
r1 min.	2 mm
J	71 mm
Weight	1,14 Kg
Basic dynamic load rating (C)	87 kN
Basic static load rating (C0)	86 kN
(Grease) Lubrication Speed	6 500 r/min
E	95 mm
F	65 mm
d1	71 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.19 kg
Dynamic load, C	87 kN
Static load, C0	86 kN



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Fatigue limit load, Cu	10.5 kN
Nlim (oil)	7,700 rpm
Nlim (grease)	6,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	59 mm
da max	63 mm
dc min	73 mm
Da max	101 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.161
EAN	4547359122992
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring   2 Rib



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	Outer Ring   Cage On Outer Ring ID
Long Description	50MM Bore; Straight Bore Profile; 110MM Outside Diameter; 27MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	NJ310
Weight / LBS	2.564
Bore	1.969 Inch   50 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Width	1.063 Inch   27 Millimeter
bore diameter:	50 mm
static load capacity:	8800 kgf
outside diameter:	110 mm
precision rating:	Not Rated
overall width:	27 mm
maximum rpm:	7700 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	High Speed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0



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outer ring width:	27 mm
ring separation:	Non-Separable
fillet radius:	2 mm
dynamic load capacity:	8850 kgf
series:	NJ