



**50 mm x 110 mm x 27 mm NTN NUP310
cylindrical roller bearings**

Bearing No. NUP310

NUP310 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)	1.22 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
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	1.188
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	50MM Bore; Straight Bore



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	Profile; 110MM Outside Diameter; 27MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C3-Loose Internal Clearance; Retai
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	NUP310
Weight / LBS	2.626
Outside Diameter	4.331 Inch 110 Millimeter
Width	1.063 Inch 27 Millimeter
Bore	1.969 Inch 50 Millimeter