



## NTN Bearing Manufacturing



35,000 mm x 100,000 mm x 25,000 mm NTN-SNR NU407 cylindrical roller bearings

Bearing No. NU407

Size	35x100x25 mm
Bore Diameter	35 mm
Outer Diameter	100 mm
Width	25 mm
d	35 mm
Fw	53 mm
D	100 mm
B	25 mm
C	25 mm
r min.	1,5 mm
r1 min.	1,5 mm
Weight	0,99 Kg
Basic dynamic load rating (C)	75,5 kN
Basic static load rating (C0)	69 kN
(Grease) Lubrication Speed	6 400 r/min
E	83 mm
F	53 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1 kg
Dynamic load, C	75.5 kN
Static load, C0	69 kN
Fatigue limit load, Cu	8.4 kN
Nlim (oil)	7,500 rpm

NU407 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	43 mm
da max	52 mm
db min	55 mm
Da max	92 mm
ra max	1.5 mm
r1a max	1.5 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.006
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 - Both Sides
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	Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	35MM Bore; Straight Bore



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	Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
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	NU407
Manufacturer Internal Number	8179
Weight / LBS	2.226
Width	0.984 Inch   25 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Bore	1.378 Inch   35 Millimeter