



NTN Bearing Rolamentos do Brasil Ltda.

40 mm x 90 mm x 33 mm NTN NUP2308ET2 Single row cylindrical roller bearings

Bearing No. NUP2308ET2

d	40 mm
D	90 mm
B	33 mm
E	80 mm
F	52 mm
d1	57.6 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.97 kg
Dynamic load, C	114 kN
Static load, C0	122 kN
Fatigue limit load, Cu	14.9 kN
Nlim (oil)	7,500 rpm
Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.5 Hz
Characteristic outer ring frequency, BPF0	4.73 Hz
Characteristic inner ring frequency, BRFI	7.27 Hz

NUP2308ET2 Bearing 2D drawings and 3D CAD models



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da min	48 mm
dc min	60 mm
Da max	82 mm
ra max	1.5 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.975
EAN	4547359492927
Product Group	B04144
Bore Profile	Straight
Cage Material	Nylon
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	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	40MM Bore; Straight Bore Profile; 90MM Outside Diameter; 33MM Width; Nylon Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal



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	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	NUP2308ET2
Weight / LBS	2.152
Bore	1.575 Inch 40 Millimeter
Width	1.299 Inch 33 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
bore diameter:	40 mm
static load capacity:	122000 N
outside diameter:	90 mm
precision rating:	ISO Class 0
overall width:	23 mm
maximum rpm:	7500 rpm
flanges:	(2) Outer Ring, (2) Inner Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Nylon
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 ° C
manufacturer product page:	Click here
dynamic load capacity:	114000 N



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