



IFB Roller Industry Co.,Ltd



NTN NF228 cylindrical roller bearings

Bearing No. NF228

Size	140x221x42 mm
Bore Diameter	140 mm
Outer Diameter	221 mm
Width	42 mm
d	140 mm
D	250 mm
Ew	221 mm
B	42 mm
C	42 mm
r min.	3 mm
r1 min.	3 mm
J	179,5 mm
Weight	7,88 Kg
Basic dynamic load rating (C)	310 kN
Basic static load rating (C0)	400 kN
(Grease) Lubrication Speed	2 700 r/min
E	221 mm
F	169 mm
d1	179.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	8.37 kg
Dynamic load, C	310 kN
Static load, C0	400 kN
Fatigue limit load, Cu	39.9 kN

NF228 Bearing 2D drawings and 3D CAD models



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Nlim (oil)	3,100 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	7.37 Hz
Characteristic inner ring frequency, BRF1	9.63 Hz
da min	153 mm
Da max	237 mm
Db min	224 mm
ra max	2.5 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	8.37
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium



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Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	2 Rib Inner Ring 1 Rib Outer Ring Cage on Inner Ring OD
Long Description	140MM Bore; Straight Bore Profile; 250MM Outside Diameter; 42MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	20.4
Width	1.654 Inch 42 Millimeter
Outside Diameter	9.843 Inch 250 Millimeter
Bore	5.512 Inch 140 Millimeter
bore diameter:	140 mm
static load capacity:	400000 N
outside diameter:	250 mm
precision rating:	ISO Class 0
overall width:	42 mm
maximum rpm:	3100 rpm
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel



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number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
operating temperature range:	-40 to 120 ° C
fillet radius:	2.5 mm
dynamic load capacity:	310000 N
manufacturer product page:	Click here