



Bearing No. NJ230

E	238 mm
C	45 mm
F	182 mm
J	193 mm
d	150 mm
D	270 mm
B	45 mm
d1	193 mm
Fw	182 mm
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
Width	1.772 Inch 45 Millimeter
da min	163 mm
da max	179 mm
dc min	196 mm
Da max	257 mm
rs min	3 mm
r min.	3 mm
Weight	9,92 Kg
UNSPSC	31171547
ra max	2.5 mm
r1s min	3 mm
r1 min.	3 mm
Profile	Complete with Outer and Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
flanges:	(2) Outer Ring, (1) Inner Ring

Separable	Inner Ring - One Side
Size (mm)	150x270x45
Inventory	0.0
Snap Ring	No
Nlim (oil)	2,900 rpm
bore type:	Straight
Width (mm)	45
Bore Profile	Straight
Weight / LBS	23.205
maximum rpm:	2900 rpm
Nlim (grease)	2,500 rpm
Inch - Metric	Metric
Product Group	B04144
closure type:	Open
Cage Material	Steel
Relubricatable	Yes
bore diameter:	150 mm
Other Features	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Bearing number	NJ230
overall width:	45 mm
cage material:	Pressed Steel
fillet radius:	3 mm
finish/coating:	Uncoated
number of rows:	1
Static load, C0	435 kN
Dynamic load, C	345 kN
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Long Description	150MM Bore; Straight Bore Profile; 270MM Outside Diameter;

	45MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	10.63 Inch 270 Millimeter
bearing material:	Hardened Alloy Steel
Manufacturer Name	NTN
precision rating:	ISO Class 0
outside diameter:	270 mm
Weight / Kilogram	10.54
Internal Clearance	C0-Medium
Bore Diameter (mm)	150
internal clearance:	CN
Outer Diameter (mm)	270
Minimum Buy Quantity	N/A
static load capacity:	435000 N
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	345000 N
Radial clearance class	CN
Mass (without HJ ring)	9.92 kg
Fatigue limit load, Cu	42.5 kN
Manufacturer Item Number	NJ230
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	2 500 r/min
manufacturer product page:	Click here
operating temperature	-40 to 120 °C

range:	
Basic static load rating (C0)	435 kN
Basic dynamic load rating (C)	345 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.93 Hz
Characteristic inner ring frequency, BPFI	9.07 Hz
Characteristic rolling element frequency, BSF	7.37 Hz