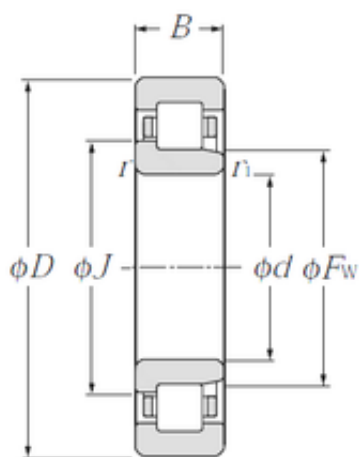




Bearing No. NJ309

d	45 mm
D	100 mm
B	25 mm
C	25 mm
F	58.5 mm
J	64 mm
E	86.5 mm
Fw	58,5 mm
d1	64 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	0.984 Inch 25 Millimeter
dc min	66 mm
rs min	1.5 mm
da max	57 mm
Da max	92 mm
da min	53 mm
Weight	0,877 Kg
UNSPSC	31171547
r min.	1,5 mm
ra max	1.5 mm
Profile	Complete with Outer and Inner Ring
r1s min	1.5 mm
r1 min.	1,5 mm
Category	Cylindrical Roller Bearing
Retainer	Yes
flanges:	(2) Outer Ring, (1) Inner Ring

Snap Ring	No
Inventory	0.0
Size (mm)	45x100x25
Separable	Inner Ring - One Side
bore type:	Straight
Nlim (oil)	8,400 rpm
Width (mm)	25
maximum rpm:	8400 rpm
Bore Profile	Straight
Weight / LBS	1.943
Nlim (grease)	7,200 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Product Group	B04144
Bearing number	NJ309
Relubricatable	Yes
bore diameter:	45 mm
Other Features	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
overall width:	25 mm
cage material:	Pressed Steel
fillet radius:	1.5 mm
Dynamic load, C	74 kN
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
number of rows:	1
Static load, C0	71 kN
Manufacturer URL	http://www.ntnamerica.com

Long Description	45MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Outside Diameter	3.937 Inch 100 Millimeter
bearing material:	Hardened Alloy Steel
precision rating:	ISO Class 0
Manufacturer Name	NTN
outside diameter:	100 mm
Weight / Kilogram	0.88
Internal Clearance	C0-Medium
Bore Diameter (mm)	45
internal clearance:	CN
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
static load capacity:	71000 N
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	74000 N
Radial clearance class	CN
Mass (without HJ ring)	0.9 kg
Fatigue limit load, Cu	8.7 kN
Manufacturer Item Number	NJ309
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	7 200 r/min
manufacturer product page:	Click here

operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	71 kN
Basic dynamic load rating (C)	74 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	4.44 Hz
Characteristic inner ring frequency, BPFI	6.56 Hz
Characteristic rolling element frequency, BSF	4.98 Hz