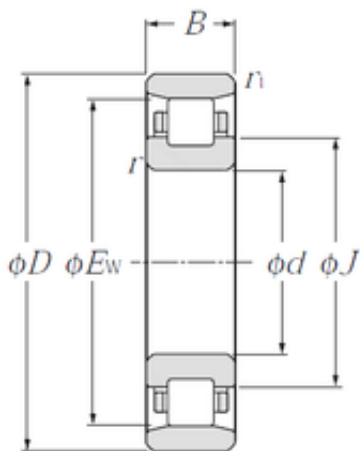




## NTN-SNR BEARING RULMENTI S.R.L.



45 mm x 100 mm x 25 mm NTN N309 Single row cylindrical roller bearings

Bearing No. N309

Size	45x86.5x25 mm
Bore Diameter	45 mm
Outer Diameter	86,5 mm
Width	25 mm
d	45 mm
D	100 mm
Ew	86,5 mm
B	25 mm
C	25 mm
r min.	1,5 mm
r1 min.	1,5 mm
J	64 mm
Weight	0,857 Kg
Basic dynamic load rating (C)	74 kN
Basic static load rating (C0)	71 kN
(Grease) Lubrication Speed	7 200 r/min
E	86.5 mm
F	58.5 mm
d1	64 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.89 kg
Dynamic load, C	74 kN
Static load, C0	71 kN

N309 Bearing 2D drawings and 3D CAD models



## NTN-SNR BEARING RULMENTI S.R.L.

Fatigue limit load, Cu	8.7 kN
Nlim (oil)	8,400 rpm
Nlim (grease)	7,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.98 Hz
Characteristic outer ring frequency, BPF0	4.44 Hz
Characteristic inner ring frequency, BRFI	6.56 Hz
da min	53 mm
Da max	92 mm
Db min	88 mm
Dc max	85 mm
ra max	1.5 mm
r1a max	1.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.861
Product Group	B04144
bore diameter:	45 mm
static load capacity:	71000 N
outside diameter:	100 mm
precision rating:	ISO Class 0
overall width:	25 mm
maximum rpm:	8400 rpm
flanges:	(2) Inner Ring



## NTN-SNR BEARING RULMENTI S.R.L.

bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
ring separation:	Separable Outer Ring
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 ° C
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	74000 N