



NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 100 mm x 25 mm NTN NUP309U Single row cylindrical roller bearings

Bearing No. NUP309U

d	45 mm
D	100 mm
B	25 mm
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)	0.93 kg
Dynamic load, C	74 kN
Static load, C0	71 kN
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, BPF1	6.56 Hz

NUP309U Bearing 2D drawings and 3D CAD models



NTN Bearing Rolamentos do Brasil Ltda.

da min	53 mm
dc min	66 mm
Da max	92 mm
ra max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.899
Product Group	B04144