



Bearing No. NUP309

J	64 mm
D	100 mm
F	58.5 mm
C	25 mm
E	86.5 mm
B	25 mm
d	45 mm
Fw	58,5 mm
d1	64 mm
rs min	1.5 mm
r min.	1,5 mm
da min	53 mm
Weight	0,877 Kg
ra max	1.5 mm
Da max	92 mm
dc min	66 mm
r1s min	1.5 mm
r1 min.	1,5 mm
Category	Bearings
Inventory	0.0
Size (mm)	45x100x25
Nlim (oil)	8,400 rpm
Width (mm)	25
Product Group	B04144
Nlim (grease)	7,200 rpm
Bearing number	NUP309
Static load, C0	71 kN
Dynamic load, C	74 kN
Weight / Kilogram	0.906
Manufacturer Name	NTN

Bore Diameter (mm)	45
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	8.7 kN
Mass (without HJ ring)	0.91 kg
Radial clearance class	CN
(Grease) Lubrication Speed	7 200 r/min
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 inner ring frequency, BPF1	6.56 Hz
Characteristic outer ring frequency, BPF0	4.44 Hz
Characteristic rolling element frequency, BSF	4.98 Hz