



Bearing No. NU2309

F	58.5 mm
E	86.5 mm
d	45 mm
D	100 mm
B	36 mm
C	36 mm
Fw	58,5 mm
db min	60 mm
Da max	92 mm
ra max	1.5 mm
rs min	1.5 mm
da max	57 mm
da min	53 mm
Weight	1,27 Kg
r min.	1,5 mm
r1 min.	1,5 mm
r1s min	1.5 mm
r1a max	1.5 mm
flanges:	(2) Outer Ring
Category	Roller Bearings
Inventory	0.0
Size (mm)	45x100x36
Width (mm)	36
Nlim (oil)	7,400 rpm
bore type:	Straight
maximum rpm:	7400 rpm
Product Group	B04144
closure type:	Open
Nlim (grease)	6,300 rpm
fillet radius:	1.5 mm

bore diameter:	45 mm
cage material:	Pressed Steel
overall width:	36 mm
Bearing number	NU2309
number of rows:	1
Static load, C0	104 kN
Dynamic load, C	99 kN
finish/coating:	Uncoated
ring separation:	Separable Inner Ring
bearing material:	Hardened Alloy Steel
Manufacturer Name	NTN
Weight / Kilogram	0
outside diameter:	100 mm
precision rating:	ISO Class 0
Bore Diameter (mm)	45
internal clearance:	CN
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
static load capacity:	104000 N
dynamic load capacity:	99000 N
Mass (without HJ ring)	1.25 kg
Fatigue limit load, Cu	12.7 kN
Radial clearance class	CN
(Grease) Lubrication Speed	6 300 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	104 kN
Basic dynamic load rating (C)	99 kN
Max operating	120 °C

temperature, Tmax	
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, BRFI	6.56 Hz
Characteristic rolling element frequency, BSF	4.98 Hz