



NTN Bearing Rolamentos do Brasil Ltda.

50 mm x 110 mm x 27 mm SNR
NUP.310.E.G15 Single row cylindrical roller
bearings

Bearing No. NUP.310.E.G15

d	50 mm
D	110 mm
B	27 mm
E	97 mm
F	65 mm
d1	71.3 mm
D1	92.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.21 kg
Dynamic load, C	110 kN
Static load, C0	113 kN
Fatigue limit load, Cu	13.8 kN
Nref	5,800 rpm
Nlim	7,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.86 Hz
Characteristic outer ring frequency, BPF0	5.22 Hz

NUP.310.E.G15 Bearing 2D drawings and 3D CAD
models



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Characteristic inner ring frequency, BPFI	7.78 Hz
da min	59 mm
dc min	73 mm
Da max	101 mm
ra max	2 mm
r1a max	2 mm