



NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 100 mm x 25 mm SNR
NUP.2211.E.G15 Single row cylindrical roller
bearings

Bearing No. NUP.2211.E.G15

d	55 mm
D	100 mm
B	25 mm
E	90 mm
F	66 mm
d1	70.8 mm
D1	86.6 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.83 kg
Dynamic load, C	98.4 kN
Static load, C0	117 kN
Fatigue limit load, Cu	14.3 kN
Nref	4,800 rpm
Nlim	8,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.35 Hz
Characteristic outer ring frequency, BPF0	7.19 Hz

NUP.2211.E.G15 Bearing 2D drawings and 3D CAD
models



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Characteristic inner ring frequency, BPFI	9.81 Hz
da min	63 mm
dc min	73 mm
Da max	92 mm
ra max	1.5 mm
r1a max	1 mm