



## NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 85 mm x 23 mm SNR  
NUP.2209.E.G15 Single row cylindrical roller  
bearings

Bearing No. NUP.2209.E.G15

d	45 mm
D	85 mm
B	23 mm
E	76.5 mm
F	54.5 mm
d1	59 mm
D1	73.3 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.56 kg
Dynamic load, C	77.7 kN
Static load, C0	87 kN
Fatigue limit load, Cu	10.6 kN
Nref	5,700 rpm
Nlim	9,900 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	5.79 Hz
Characteristic outer ring frequency, BPF0	6.24 Hz

NUP.2209.E.G15 Bearing 2D drawings and 3D CAD  
models



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Characteristic inner ring frequency, BPF1	8.76 Hz
da min	51.5 mm
dc min	61 mm
Da max	78.5 mm
ra max	1 mm
r1a max	1 mm