



NTN Bearing Rolamentos do Brasil Ltda.

35 mm x 80 mm x 21 mm SNR NUP.307.E.G15
Single row cylindrical roller bearings

Bearing No. NUP.307.E.G15

d	35 mm
D	80 mm
B	21 mm
E	70.2 mm
F	46.2 mm
d1	51 mm
D1	66.6 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.51 kg
Dynamic load, C	64.2 kN
Static load, C0	62.4 kN
Fatigue limit load, Cu	7.6 kN
Nref	7,700 rpm
Nlim	11,000 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	4.64 Hz
Characteristic outer ring frequency, BPF0	4.76 Hz
Characteristic inner ring	7.24 Hz

NUP.307.E.G15 Bearing 2D drawings and 3D CAD
models



NTN Bearing Rolamentos do Brasil Ltda.

frequency, BPF1	
da min	43 mm
dc min	53 mm
Da max	72 mm
ra max	1.5 mm
r1a max	1 mm