



HMSA BEARING MANUFACTURING LIMITED

55 mm x 120 mm x 29 mm SNR NJ.311.EG15 Single row cylindrical roller bearings

Bearing No. NJ.311.EG15

d	55 mm
D	120 mm
B	29 mm
E	106.5 mm
F	70.5 mm
d1	77.5 mm
D1	101.4 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.51 kg
Dynamic load, C	137 kN
Static load, C0	143 kN
Fatigue limit load, Cu	17.4 kN
Nref	5,300 rpm
Nlim	7,100 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	4.71 Hz
Characteristic outer ring frequency, BPF0	5.18 Hz
Characteristic inner ring	7.82 Hz

NJ.311.EG15 Bearing 2D drawings and 3D CAD models



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frequency, BPFI	
da min	64 mm
da max	69 mm
db min	72 mm
dc min	80 mm
Da max	111 mm
ra max	2 mm
r1a max	2 mm