



SAF BEARING LIMITED

95 mm x 200 mm x 67 mm NTN NJ2319EG1 Single row cylindrical roller bearings

Bearing No. NJ2319EG1

d	95 mm
D	200 mm
B	67 mm
E	177.5 mm
F	121.5 mm
d1	132.7 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10.14 kg
Dynamic load, C	460 kN
Static load, C0	585 kN
Fatigue limit load, Cu	63.5 kN
Nlim (oil)	3,200 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.15 Hz
Characteristic outer ring frequency, BPF0	5.69 Hz
Characteristic inner ring frequency, BPF1	8.31 Hz

NJ2319EG1 Bearing 2D drawings and 3D CAD models



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da min	108 mm
da max	119 mm
dc min	134 mm
Da max	187 mm
ra max	2.5 mm