



Bearing No. K81211

d	55,000 mm
D	90,000 mm
Eb	60.1 mm
Ca	121 kN
Dw	11,000 mm
Dc	90 mm
Lw	11 mm
Ea	83.4 mm
Dc1	55 mm
C0a	340 kN
Nlim (oil)	3,300 rpm
Nlim (grease)	830 rpm
Bearing number	K81211
Cage assembly mass	0.19 kg
Bore Diameter (mm)	55,000
Outer Diameter (mm)	90,000
Bearing ring (outer ring) GS	GS81211
Bearing ring (inner ring) WS	WS81211
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz
Characteristic rolling element frequency, BSF	6.52 Hz