



Bearing No. K89318

d	90,000 mm
D	155,000 mm
Eb	100.8 mm
Ca	289 kN
Dw	12,000 mm
Dc	155 mm
Lw	12 mm
Ea	149.2 mm
Dc1	90 mm
C0a	1,160 kN
Nlim (oil)	1,900 rpm
Nlim (grease)	480 rpm
Bearing number	K89318
Cage assembly mass	0.62 kg
Bore Diameter (mm)	90,000
Outer Diameter (mm)	155,000
Bearing ring (outer ring) GS	GS89318
Bearing ring (inner ring) WS	WS89318
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz
Characteristic rolling element frequency, BSF	10.42 Hz