

# K89310 NTN C0a 445 kN Thrust roller bearings

Dc1	50 mm
Dc	95 mm
Lw	8 mm
Bearing ring (inner ring) WS	WS89310
Bearing ring (outer ring) GS	GS89310
Ea	90.4 mm
Eb	58 mm
Cage assembly mass	0.18 kg
Ca	125 kN
C0a	445 kN
Nlim (grease)	800 rpm
Nlim (oil)	3.200 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	9.28 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPF1	9 Hz
Bearing number	K89310
Brand	NTN
Bore Diameter (mm)	50.000
Outer Diameter (mm)	95.000
d	50.000 mm
D	95.000 mm
Dw	8.000 mm