

K89309 NTN Characteristic outer ring frequency, BPF0 8 Hz Thrust roller bearings

Dc1	45 mm
Dc	85 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS89309
Bearing ring (outer ring) GS	GS89309
Ea	81.3 mm
Eb	50.9 mm
Cage assembly mass	0.14 kg
Ca	102 kN
C0a	345 kN
Nlim (grease)	900 rpm
Nlim (oil)	3.600 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	8.81 Hz
Characteristic outer ring frequency, BPF0	8 Hz
Characteristic inner ring frequency, BRFI	8 Hz
Bearing number	K89309
Brand	NTN
Bore Diameter (mm)	45.000
Outer Diameter (mm)	85.000
d	45.000 mm
D	85.000 mm

Dw

7.500 mm