

# K89316 NTN Cage assembly mass 0.49 kg Thrust roller bearings

Dc1	80 mm
Dc	140 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS89316
Bearing ring (outer ring) GS	GS89316
Ea	134.2 mm
Eb	89.8 mm
Cage assembly mass	0.49 kg
Ca	246 kN
C0a	970 kN
Nlim (grease)	530 rpm
Nlim (oil)	2.100 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	10.18 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BRFI	10 Hz
Bearing number	K89316
Brand	NTN
Bore Diameter (mm)	80.000
Outer Diameter (mm)	140.000
d	80.000 mm
D	140.000 mm

Dw

11.000 mm