



## NTN Bearing Rolamentos do Brasil Ltda.



### NTN K89307 Thrust cylindrical roller bearing cages

Bearing No. K89307

K89307 Bearing 2D drawings and 3D CAD models

Bore Diameter	35,000 mm
Outer Diameter	68,000 mm
d	35,000 mm
D	68,000 mm
Dw	6,000 mm
Dc1	35 mm
Dc	68 mm
Lw	6 mm
Bearing ring (inner ring) WS	WS89307
Bearing ring (outer ring) GS	GS89307
Ea	64.4 mm
Eb	40 mm
Cage assembly mass	0.06 kg
Ca	66 kN
C0a	214 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	4,600 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	8.7 Hz
Characteristic outer ring	7.5 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	7.5 Hz