



NTN Bearing Rolamentos do Brasil Ltda.



NTN K89308 Thrust cylindrical roller bearing cages

Bearing No. K89308

Bore Diameter	40,000 mm
Outer Diameter	78,000 mm
d	40,000 mm
D	78,000 mm
Dw	7,000 mm
Dc1	40 mm
Dc	78 mm
Lw	7 mm
Bearing ring (inner ring) WS	WS89308
Bearing ring (outer ring) GS	GS89308
Ea	74.4 mm
Eb	46 mm
Cage assembly mass	0.1 kg
Ca	85 kN
C0a	277 kN
Nlim (grease)	1,000 rpm
Nlim (oil)	4,000 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	8.6 Hz
Characteristic outer ring	7.5 Hz

K89308 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	7.5 Hz