



NTN Bearing Rolamentos do Brasil Ltda.



NTN K89306 Thrust cylindrical roller bearing cages

Bearing No. K89306

Bore Diameter	30,000 mm
Outer Diameter	60,000 mm
d	30,000 mm
D	60,000 mm
Dw	5,500 mm
Dc1	30 mm
Dc	60 mm
Lw	5.5 mm
Bearing ring (inner ring) WS	WS89306
Bearing ring (outer ring) GS	GS89306
Ea	56.4 mm
Eb	34 mm
Cage assembly mass	0.05 kg
Ca	54 kN
C0a	166 kN
Nlim (grease)	1,300 rpm
Nlim (oil)	5,000 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	8.22 Hz
Characteristic outer ring	7 Hz

K89306 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	7 Hz