



NTN Bearing Rolamentos do Brasil Ltda.



NTN K89314 Thrust cylindrical roller bearing cages

Bearing No. K89314

K89314 Bearing 2D drawings and 3D CAD models

Bore Diameter	70,000 mm
Outer Diameter	125,000 mm
d	70,000 mm
D	125,000 mm
Dw	10,000 mm
Dc1	70 mm
Dc	125 mm
Lw	10 mm
Bearing ring (inner ring) WS	WS89314
Bearing ring (outer ring) GS	GS89314
Ea	120.2 mm
Eb	79.8 mm
Cage assembly mass	0.34 kg
Ca	205 kN
C0a	790 kN
Nlim (grease)	600 rpm
Nlim (oil)	2,400 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 Hz
Characteristic outer ring	10 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	10 Hz