



NTN 89313 Thrust cylindrical roller bearings-
Complete thrust bearing

Bearing No. 89313

89313 Bearing 2D drawings and 3D CAD models

Size	65x115x30 mm
Bore Diameter	65,000 mm
Outer Diameter	115,000 mm
Width	30,000 mm
d	65,000 mm
D	115,000 mm
T	30,000 mm
d1	115 mm
D1	67 mm
Dc1	65 mm
Dc	115 mm
Dw	9 mm
Lw	9 mm
rs min	1.1 mm
Cage assembly reference	K89313
Bearing ring (inner ring) WS	WS89313
Bearing ring (outer ring) GS	GS89313
Ea	110.3 mm
Eb	73.9 mm
Mass	1.43 kg
Cage assembly mass	0.26 kg
Bearing ring (inner ring) WS mass	0.58 kg
Bearing ring (outer ring) GS mass	0.58 kg



NTN Bearing Rolamentos do Brasil Ltda.

Ca	167 kN
C0a	635 kN
Nlim (grease)	650 rpm
Nlim (oil)	2,600 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	10.23 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BRFI	10 Hz
da min	110 mm
Db max	74 mm
ras max	1 mm