



**NTN 89320 Thrust cylindrical roller bearings-  
Complete thrust bearing**

Bearing No. 89320

89320 Bearing 2D drawings and 3D CAD models

Size	100x170x42 mm
Bore Diameter	100,000 mm
Outer Diameter	170,000 mm
Width	42,000 mm
d	100,000 mm
D	170,000 mm
T	42,000 mm
d1	170 mm
D1	103 mm
Dc1	100 mm
Dc	170 mm
Dw	13 mm
Lw	13 mm
rs min	1.5 mm
Cage assembly reference	K89320
Bearing ring (inner ring) WS	WS89320
Bearing ring (outer ring) GS	GS89320
Ea	163 mm
Eb	110.6 mm
Mass	4.19 kg
Cage assembly mass	0.81 kg
Bearing ring (inner ring) WS mass	1.69 kg
Bearing ring (outer ring) GS mass	1.69 kg



## NTN Bearing Rolamentos do Brasil Ltda.

Ca	335 kN
C0a	1,370 kN
Nlim (grease)	430 rpm
Nlim (oil)	1,700 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	10.52 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BRFI	10 Hz
da min	163 mm
Db max	110 mm
ras max	1.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.02
EAN	4547359458381
Product Group	B04144