



NTN 89317 Thrust cylindrical roller bearings-
Complete thrust bearing

Bearing No. 89317

89317 Bearing 2D drawings and 3D CAD models

Size	85x150x39 mm
Bore Diameter	85,000 mm
Outer Diameter	150,000 mm
Width	39,000 mm
d	85,000 mm
D	150,000 mm
T	39,000 mm
d1	150 mm
D1	88 mm
Dc1	85 mm
Dc	150 mm
Dw	12 mm
Lw	12 mm
rs min	1.5 mm
Cage assembly reference	K89317
Bearing ring (inner ring) WS	WS89317
Bearing ring (outer ring) GS	GS89317
Ea	144.2 mm
Eb	95.8 mm
Mass	3.14 kg
Cage assembly mass	0.59 kg
Bearing ring (inner ring) WS mass	1.28 kg
Bearing ring (outer ring) GS mass	1.28 kg



NTN Bearing Rolamentos do Brasil Ltda.

Ca	281 kN
C0a	1,100 kN
Nlim (grease)	500 rpm
Nlim (oil)	2,000 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	10 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BRFI	9.5 Hz
da min	144 mm
Db max	96 mm
ras max	1.5 mm