



**NTN 89315 Thrust cylindrical roller bearings-
Complete thrust bearing**

Bearing No. 89315

89315 Bearing 2D drawings and 3D CAD models

Size	75x135x36 mm
Bore Diameter	75,000 mm
Outer Diameter	135,000 mm
Width	36,000 mm
d	75,000 mm
D	135,000 mm
T	36,000 mm
d1	135 mm
D1	77 mm
Dc1	75 mm
Dc	135 mm
Dw	11 mm
Lw	11 mm
rs min	1.5 mm
Cage assembly reference	K89315
Bearing ring (inner ring) WS	WS89315
Bearing ring (outer ring) GS	GS89315
Ea	129.2 mm
Eb	84.7 mm
Mass	2.41 kg
Cage assembly mass	0.47 kg
Bearing ring (inner ring) WS mass	0.97 kg
Bearing ring (outer ring) GS mass	0.97 kg



NTN Bearing Rolamentos do Brasil Ltda.

Ca	239 kN
C0a	920 kN
Nlim (grease)	550 rpm
Nlim (oil)	2,200 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	9.72 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPF1	9.5 Hz
da min	129 mm
Db max	85 mm
ras max	1.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.33
Product Group	B04144