



**NTN 81117T2 Thrust cylindrical roller bearings-  
Complete thrust bearing**

Bearing No. 81117T2

81117T2 Bearing 2D drawings and 3D CAD models

d	85 mm
D	110 mm
d1	110 mm
D1	87 mm
T	19 mm
Dc1	85 mm
Dc	110 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81117T2
Bearing ring (inner ring) WS	WS81117
Bearing ring (outer ring) GS	GS81117
Ea	105.3 mm
Eb	88.7 mm
Mass	0.48 kg
Cage assembly mass	0.12 kg
Bearing ring (inner ring) WS mass	0.18 kg
Bearing ring (outer ring) GS mass	0.18 kg
Ca	83 kN
C0a	300 kN
Nlim (grease)	630 rpm
Nlim (oil)	2,500 rpm



## NTN Bearing Rolamentos do Brasil Ltda.

Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	12.93 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BRFI	14 Hz
da min	105 mm
Db max	89 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.404
Product Group	B04144