



**NTN 81213T2 Thrust cylindrical roller bearings-  
Complete thrust bearing**

Bearing No. 81213T2

81213T2 Bearing 2D drawings and 3D CAD models

d	65 mm
D	100 mm
d1	100 mm
D1	67 mm
T	27 mm
Dc1	65 mm
Dc	100 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81213T2
Bearing ring (inner ring) WS	WS81213
Bearing ring (outer ring) GS	GS81213
Ea	93.3 mm
Eb	69.9 mm
Mass	0.78 kg
Cage assembly mass	0.22 kg
Bearing ring (inner ring) WS mass	0.28 kg
Bearing ring (outer ring) GS mass	0.28 kg
Ca	130 kN
C0a	385 kN
Nlim (grease)	730 rpm
Nlim (oil)	2,900 rpm



## NTN Bearing Rolamentos do Brasil Ltda.

Min operating temperature, T <sub>min</sub>	-20 ° C
Max operating temperature, T <sub>max</sub>	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	7.42 Hz
Characteristic outer ring frequency, BPF0	8 Hz
Characteristic inner ring frequency, BPF1	8 Hz
da min	93 mm
Db max	71 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.73
Product Group	B04144
bore diameter:	65 mm
maximum rpm:	2900 RPM
outside diameter:	100 mm
fillet radius:	1 mm
overall width:	27 mm
compatible washers:	GS81213, WS81213
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	67 mm
static load capacity:	385000 N
washer width:	8 mm
dynamic load capacity:	130000 N
series:	812



**NTN Bearing Rolamentos do Brasil Ltda.**