



**NTN 81103T2 Thrust cylindrical roller bearings-
Complete thrust bearing**

Bearing No. 81103T2

81103T2 Bearing 2D drawings and 3D CAD models

d	17 mm
D	30 mm
d1	30 mm
D1	18 mm
T	9 mm
Dc1	17 mm
Dc	30 mm
Dw	3.5 mm
Lw	3.5 mm
rs min	0.3 mm
Cage assembly reference	K81103T2
Bearing ring (inner ring) WS	WS81103
Bearing ring (outer ring) GS	GS81103
Ea	27 mm
Eb	19.2 mm
Mass	0.03 kg
Cage assembly mass	0.008 kg
Bearing ring (inner ring) WS mass	0.01 kg
Bearing ring (outer ring) GS mass	0.01 kg
Ca	12.7 kN
C0a	29 kN
Nlim (grease)	2,500 rpm
Nlim (oil)	10,000 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	6.6 Hz
Characteristic outer ring frequency, BPF0	6.5 Hz
Characteristic inner ring frequency, BRF1	6.5 Hz
da min	27 mm
Db max	20 mm
ras max	0.3 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.022
EAN	4547359456707
Product Group	B04144