



NTN 81209T2 Thrust cylindrical roller bearings-  
Complete thrust bearing

Bearing No. 81209T2

81209T2 Bearing 2D drawings and 3D CAD models

d	45 mm
D	73 mm
d1	73 mm
D1	47 mm
T	20 mm
Dc1	45 mm
Dc	73 mm
Dw	9 mm
Lw	9 mm
rs min	1 mm
Cage assembly reference	K81209T2
Bearing ring (inner ring) WS	WS81209
Bearing ring (outer ring) GS	GS81209
Ea	68 mm
Eb	48.8 mm
Mass	0.31 kg
Cage assembly mass	0.1 kg
Bearing ring (inner ring) WS mass	0.1 kg
Bearing ring (outer ring) GS mass	0.1 kg
Ca	82 kN
C0a	222 kN
Nlim (grease)	1,000 rpm
Nlim (oil)	4,100 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	6.49 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPF1	7 Hz
da min	68 mm
Db max	49 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.301
Product Group	B04144