



NTN Bearing Rolamentos do Brasil Ltda.

NTN 81109T2 Thrust cylindrical roller bearings- Complete thrust bearing

Bearing No. 81109T2

d	45 mm
D	65 mm
d1	65 mm
D1	47 mm
T	14 mm
Dc1	45 mm
Dc	65 mm
Dw	6 mm
Lw	6 mm
rs min	0.6 mm
Cage assembly reference	K81109T2
Bearing ring (inner ring) WS	WS81109
Bearing ring (outer ring) GS	GS81109
Ea	61.6 mm
Eb	48.4 mm
Mass	0.15 kg
Cage assembly mass	0.04 kg
Bearing ring (inner ring) WS mass	0.06 kg
Bearing ring (outer ring) GS mass	0.06 kg
Ca	45.5 kN
C0a	135 kN
Nlim (grease)	1,100 rpm
Nlim (oil)	4,400 rpm

81109T2 Bearing 2D drawings and 3D CAD models



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Min operating temperature, T _{min}	-20 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	9.17 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPF1	9.5 Hz
d _a min	61 mm
D _b max	49 mm
ras max	0.6 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.13
Product Group	B04144