



NTN Bearing Rolamentos do Brasil Ltda.

NTN 81105T2 Thrust cylindrical roller bearings- Complete thrust bearing

Bearing No. 81105T2

d	25 mm
D	42 mm
d1	42 mm
D1	26 mm
T	11 mm
Dc1	25 mm
Dc	42 mm
Dw	5 mm
Lw	5 mm
rs min	0.6 mm
Cage assembly reference	K81105T2
Bearing ring (inner ring) WS	WS81105
Bearing ring (outer ring) GS	GS81105
Ea	38.7 mm
Eb	27.6 mm
Mass	0.06 kg
Cage assembly mass	0.02 kg
Bearing ring (inner ring) WS mass	0.02 kg
Bearing ring (outer ring) GS mass	0.02 kg
Ca	27.3 kN
C0a	68 kN
Nlim (grease)	1,800 rpm
Nlim (oil)	7,000 rpm

81105T2 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	6.63 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BRFI	7 Hz
d _{a min}	39 mm
D _{b max}	28 mm
r _{as max}	0.6 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.051
Product Group	B04144
bore diameter:	25 mm
static load capacity:	68000 N
outside diameter:	42 mm
maximum rpm:	7000 RPM
overall width:	11 mm
fillet radius:	0.6 mm
dynamic load capacity:	27300 N
series:	811