



NTN Bearing Rolamentos do Brasil Ltda.

NTN 81108T2 Thrust cylindrical roller bearings- Complete thrust bearing

Bearing No. 81108T2

d	40 mm
D	60 mm
d1	60 mm
D1	42 mm
T	13 mm
Dc1	40 mm
Dc	60 mm
Dw	6 mm
Lw	6 mm
rs min	0.6 mm
Cage assembly reference	K81108T2
Bearing ring (inner ring) WS	WS81108
Bearing ring (outer ring) GS	GS81108
Ea	56.4 mm
Eb	43.2 mm
Mass	0.14 kg
Cage assembly mass	0.04 kg
Bearing ring (inner ring) WS mass	0.04 kg
Bearing ring (outer ring) GS mass	0.04 kg
Ca	43 kN
C0a	121 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	4,800 rpm

81108T2 Bearing 2D drawings and 3D CAD models



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Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.3 Hz
Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPF1	8.5 Hz
da min	56 mm
Db max	44 mm
ras max	0.6 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.105
Product Group	B04144
bore diameter:	40 mm
maximum rpm:	4800 RPM
outside diameter:	60 mm
fillet radius:	0.6 mm
overall width:	13 mm
compatible washers:	GS81108, WS81108
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	42 mm
static load capacity:	121000 N
washer width:	3.5 mm
dynamic load capacity:	43000 N
series:	811



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