



NTN Bearing Rolamentos do Brasil Ltda.

NTN 81214L1 Thrust cylindrical roller bearings- Complete thrust bearing

Bearing No. 81214L1

d	70 mm
D	105 mm
d1	105 mm
D1	72 mm
T	27 mm
Dc1	70 mm
Dc	105 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81214L1
Bearing ring (inner ring) WS	WS81214
Bearing ring (outer ring) GS	GS81214
Ea	98.4 mm
Eb	75 mm
Mass	0.82 kg
Cage assembly mass	0.23 kg
Bearing ring (inner ring) WS mass	0.28 kg
Bearing ring (outer ring) GS mass	0.3 kg
Ca	134 kN
C0a	410 kN
Nlim (grease)	730 rpm
Nlim (oil)	2,900 rpm

81214L1 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	7.88 Hz
Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPF1	8.5 Hz
da min	98 mm
Db max	76 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.94
Product Group	B04144