



NTN Bearing Rolamentos do Brasil Ltda.

NTN 81217L1 Thrust cylindrical roller bearings- Complete thrust bearing

Bearing No. 81217L1

d	85 mm
D	125 mm
d1	125 mm
D1	88 mm
T	31 mm
Dc1	85 mm
Dc	125 mm
Dw	12 mm
Lw	12 mm
rs min	1 mm
Cage assembly reference	K81217L1
Bearing ring (inner ring) WS	WS81217
Bearing ring (outer ring) GS	GS81217
Ea	116.9 mm
Eb	92.2 mm
Mass	1.3 kg
Cage assembly mass	0.32 kg
Bearing ring (inner ring) WS mass	0.49 kg
Bearing ring (outer ring) GS mass	0.49 kg
Ca	169 kN
C0a	550 kN
Nlim (grease)	580 rpm
Nlim (oil)	2,300 rpm

81217L1 Bearing 2D drawings and 3D CAD models



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	8.71 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BRF1	9.5 Hz
da min	116 mm
Db max	92 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.44
Product Group	B04144