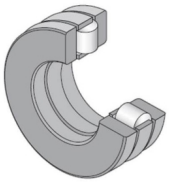
Technical datasheet

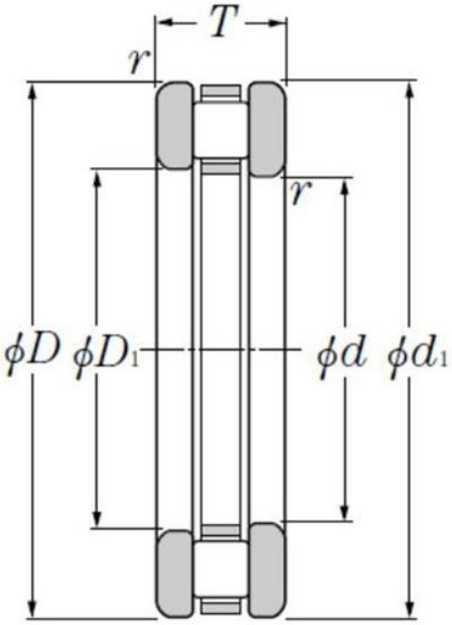
81107T2

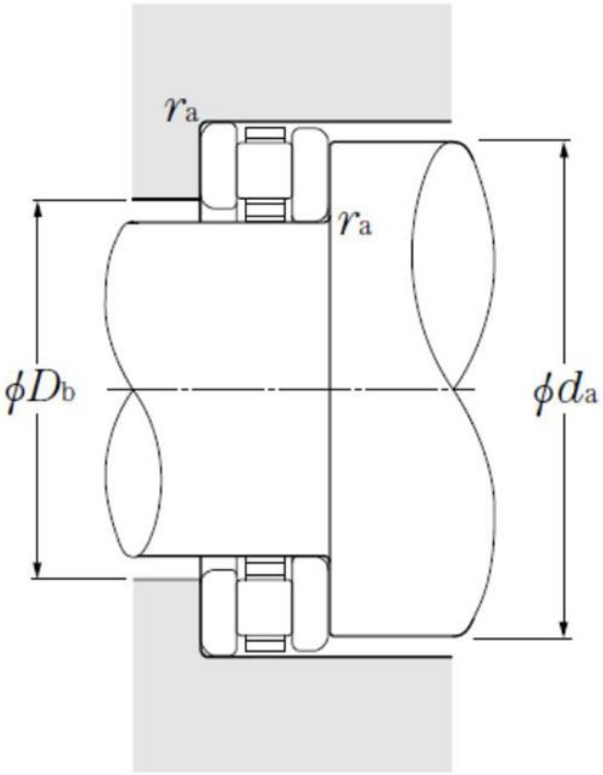
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	35 mm
D	52 mm
d1	52 mm
D1	37 mm
T	12 mm
Dc1	35 mm
Dc	52 mm
Dw	5 mm
Lw	5 mm
rs min	0.6 mm
Cage assembly reference	K81107T2
Bearing ring (inner ring) WS	WS81107
Bearing ring (outer ring) GS	GS81107
Ea	48.9 mm
Eb	38 mm
Mass	0.09 kg
Cage assembly mass	0.02 kg
Bearing ring (inner ring) WS mass	0.03 kg
Bearing ring (outer ring) GS mass	0.03 kg
Brand	NTN

Product performance

Ca	31 kN
C0a	87 kN
Nlim (grease)	1,400 rpm
Nlim (oil)	5,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.69 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz

Abutment dimensions

da min	49 mm
Db max	38 mm
ras max	0.6 mm