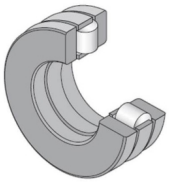
Technical data

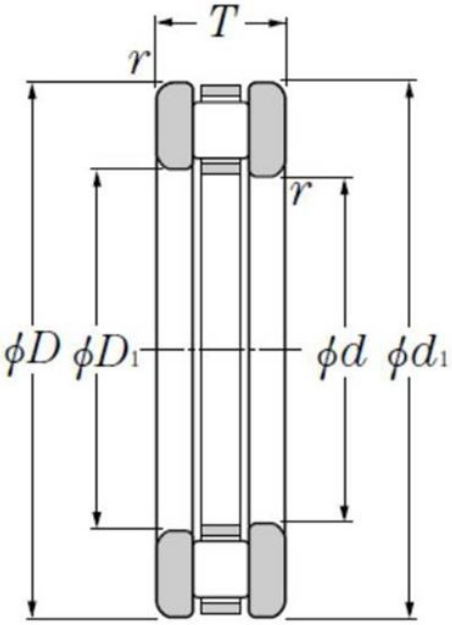
81110T2

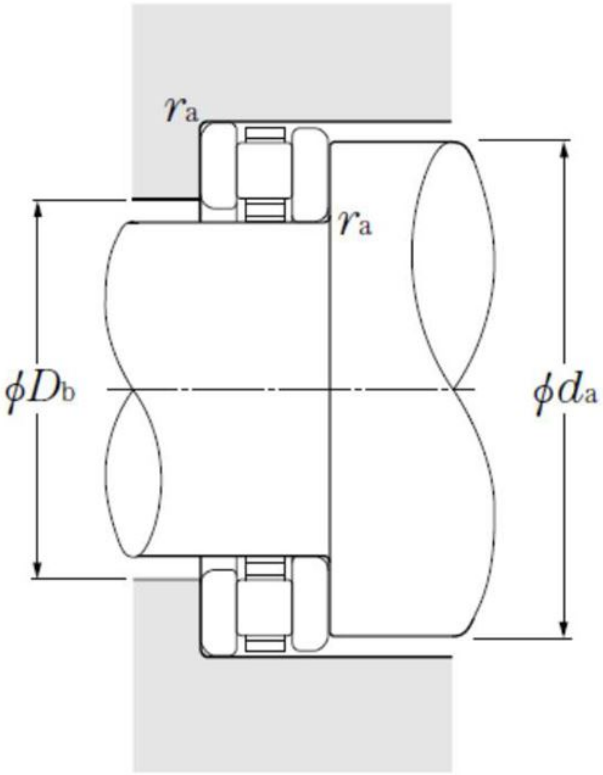
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	50 mm
D	70 mm
d1	70 mm
D1	52 mm
T	14 mm
Dc1	50 mm
Dc	70 mm
Dw	6 mm
Lw	6 mm
rs min	0.6 mm
Cage assembly reference	K81110T2
Bearing ring (inner ring) WS	WS81110
Bearing ring (outer ring) GS	GS81110
Ea	66.4 mm
Eb	53.2 mm
Mass	0.16 kg
Cage assembly mass	0.04 kg
Bearing ring (inner ring) WS mass	0.06 kg
Bearing ring (outer ring) GS mass	0.06 kg
Brand	NTN

Product performance

Ca	48.5 kN
C0a	150 kN
Nlim (grease)	1,000 Tr/min
Nlim (oil)	4,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	9.97 Hz
Characteristic outer ring frequency, BPF0	10.5 Hz
Characteristic inner ring frequency, BPFI	10.5 Hz

Abutment dimensions

da min	66 mm
Db max	54 mm
ras max	0.6 mm