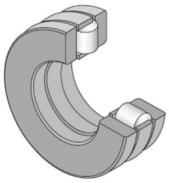
Technical data

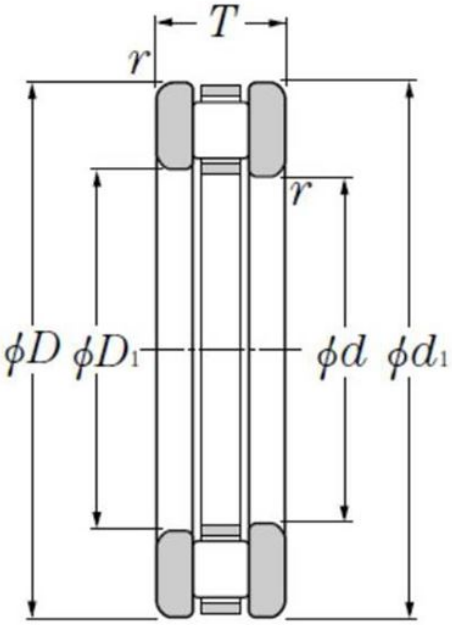
81105T2

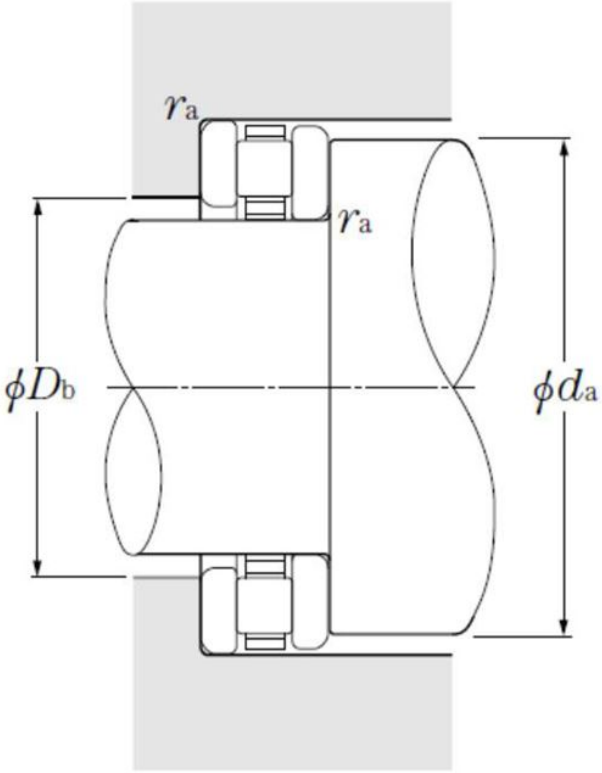
Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series



Visual(s)





Product definition

d	25 mm
D	42 mm
d1	42 mm
D1	26 mm
T	11 mm
Dc1	25 mm
Dc	42 mm
Dw	5 mm
Lw	5 mm
rs min	0.6 mm
Cage assembly reference	K81105T2
Bearing ring (inner ring) WS	WS81105
Bearing ring (outer ring) GS	GS81105
Ea	38.7 mm
Eb	27.6 mm
Mass	0.06 kg
Cage assembly mass	0.02 kg
Bearing ring (inner ring) WS mass	0.02 kg
Bearing ring (outer ring) GS mass	0.02 kg
Brand	NTN

Product performance

Ca	27.3 kN
C0a	68 kN
Nlim (grease)	1,800 Tr/min
Nlim (oil)	7,000 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	6.63 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz

Abutment dimensions

da min	39 mm
Db max	28 mm
ras max	0.6 mm