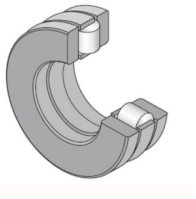
Technical data

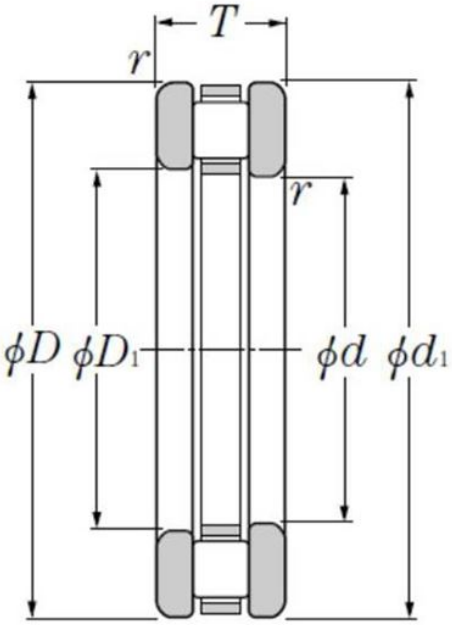
81214T2

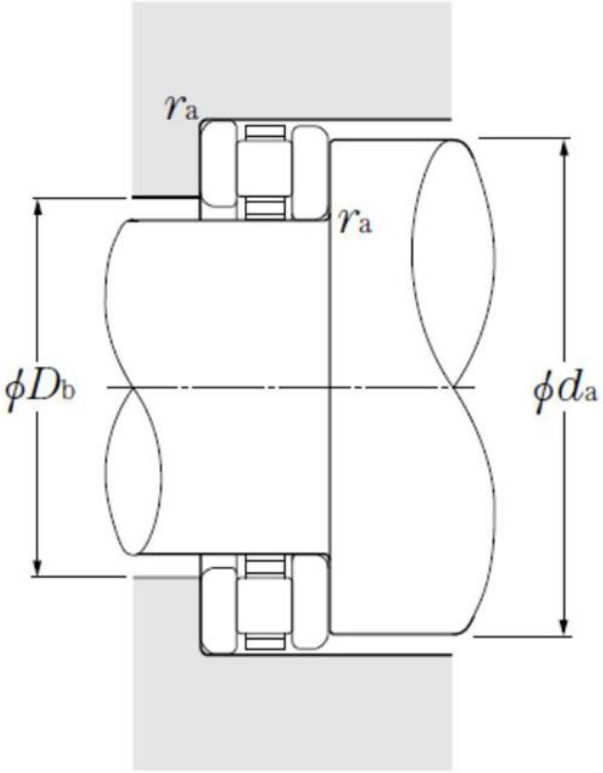
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)





Product definition

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	K81214T2
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	0.22 kg
Bearing ring (inner ring) WS mass	0.3 kg
Bearing ring (outer ring) GS mass	0.3 kg
Brand	NTN

Product performance

Ca	134 kN
C0a	410 kN
Nlim (grease)	680 Tr/min
Nlim (oil)	2,700 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	7.88 Hz
Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPFI	8.5 Hz

Abutment dimensions

da min	98 mm
Db max	76 mm
ras max	1 mm