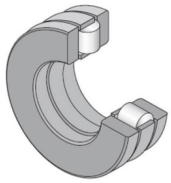
Technical data

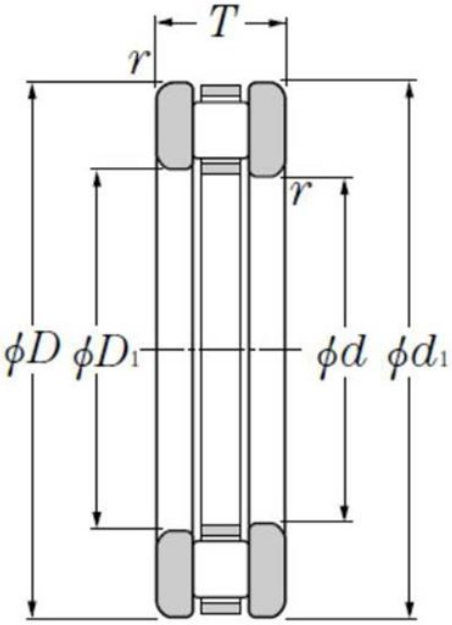
81211T2

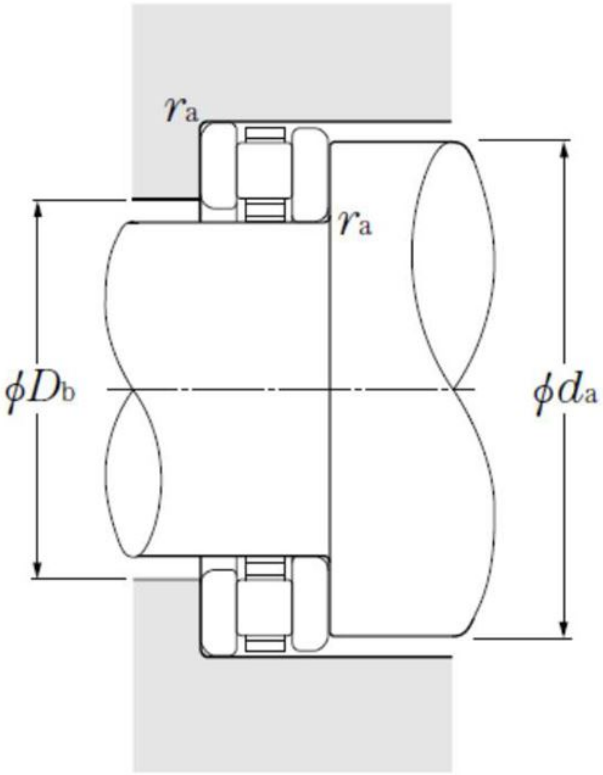
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)





Product definition

d	55 mm
D	90 mm
d1	90 mm
D1	57 mm
T	25 mm
Dc1	55 mm
Dc	90 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81211T2
Bearing ring (inner ring) WS	WS81211
Bearing ring (outer ring) GS	GS81211
Ea	83.4 mm
Eb	60.1 mm
Mass	0.61 kg
Cage assembly mass	0.19 kg
Bearing ring (inner ring) WS mass	0.21 kg
Bearing ring (outer ring) GS mass	0.21 kg
Brand	NTN

Product performance

Ca	121 kN
C0a	340 kN
Nlim (grease)	830 Tr/min
Nlim (oil)	3,300 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	6.52 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz

Abutment dimensions

da min	83 mm
Db max	61 mm
ras max	1 mm