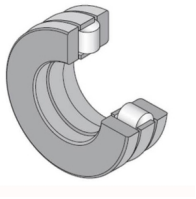
Technical data

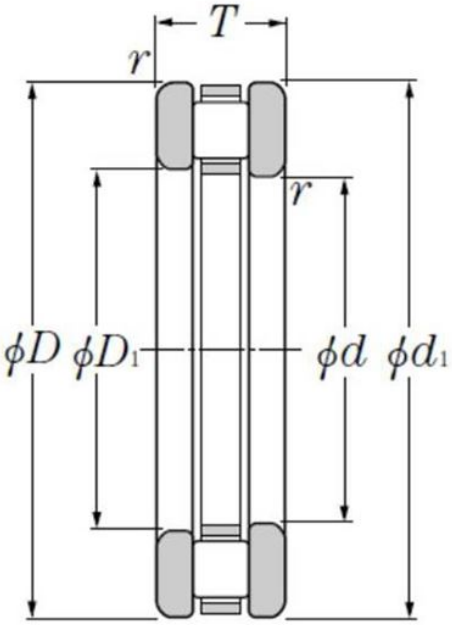
81213T2

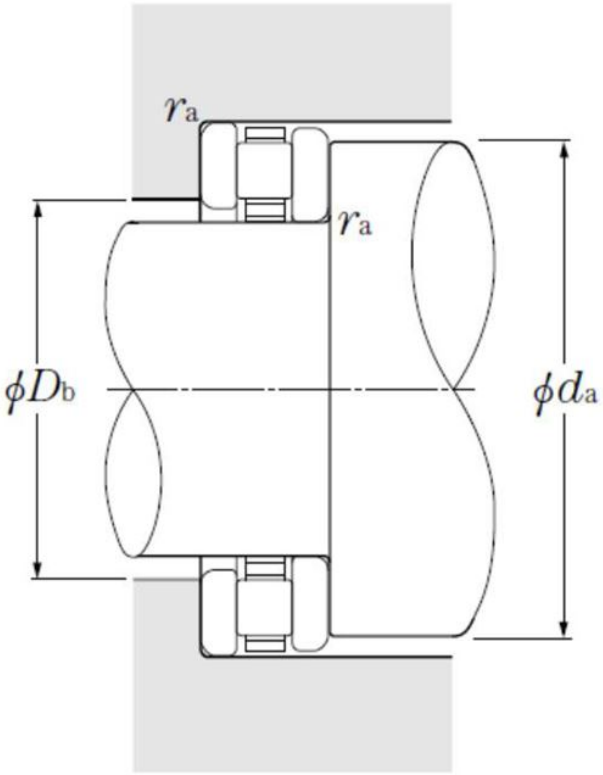
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)





Product definition

d	65 mm
D	100 mm
d1	100 mm
D1	67 mm
T	27 mm
Dc1	65 mm
Dc	100 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81213T2
Bearing ring (inner ring) WS	WS81213
Bearing ring (outer ring) GS	GS81213
Ea	93.3 mm
Eb	69.9 mm
Mass	0.78 kg
Cage assembly mass	0.22 kg
Bearing ring (inner ring) WS mass	0.28 kg
Bearing ring (outer ring) GS mass	0.28 kg
Brand	NTN

Product performance

Ca	130 kN
C0a	385 kN
Nlim (grease)	730 Tr/min
Nlim (oil)	2,900 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	7.42 Hz
Characteristic outer ring frequency, BPF0	8 Hz
Characteristic inner ring frequency, BPFI	8 Hz

Abutment dimensions

da min	93 mm
Db max	71 mm
ras max	1 mm