



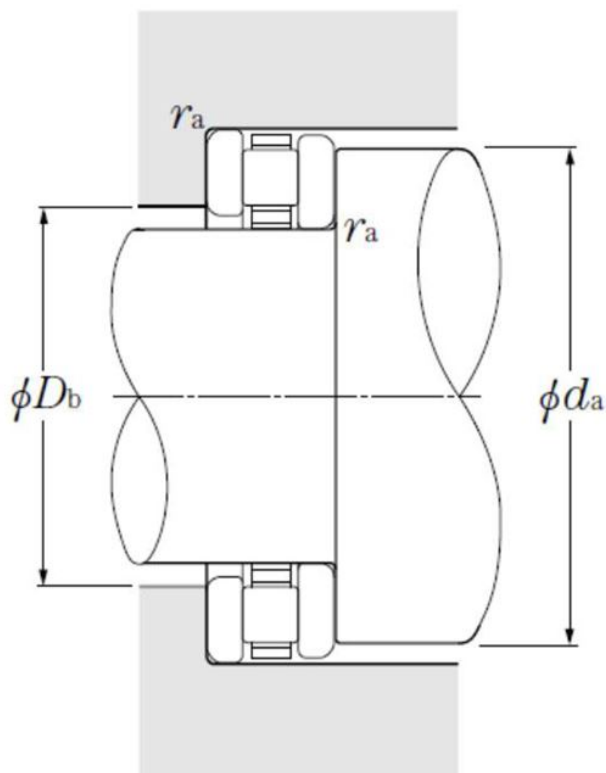
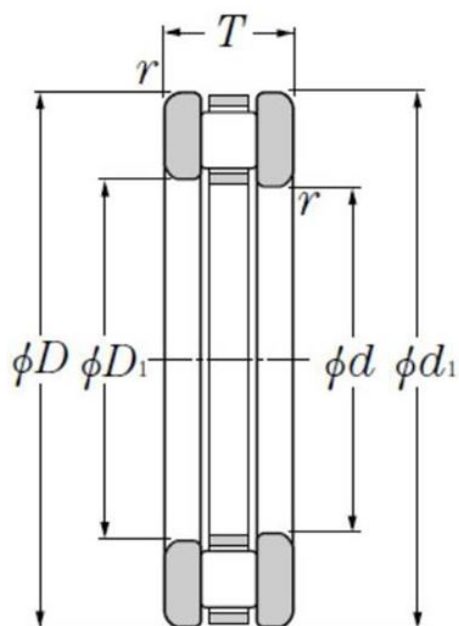
Technical data

81210T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)



Product definition

d	50 mm
D	78 mm
d1	78 mm
D1	52 mm
T	22 mm
Dc1	50 mm
Dc	78 mm
Dw	9 mm
Lw	9 mm
rs min	1 mm
Cage assembly reference	K81210T2
Bearing ring (inner ring) WS	WS81210
Bearing ring (outer ring) GS	GS81210
Ea	73.1 mm
Eb	53.7 mm
Mass	0.38 kg
Cage assembly mass	0.1 kg
Bearing ring (inner ring) WS mass	0.14 kg
Bearing ring (outer ring) GS mass	0.14 kg
Brand	NTN

Product performance

Ca	85 kN
C0a	238 kN
Nlim (grease)	950 Tr/min
Nlim (oil)	3,800 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	7.04 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BRF1	7.5 Hz

Abutment dimensions

da min	73 mm
Db max	54 mm
ras max	1 mm