



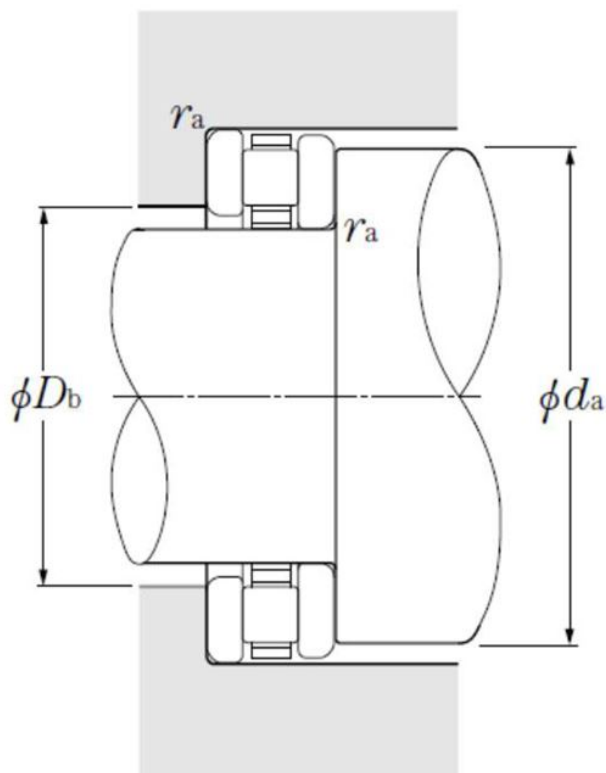
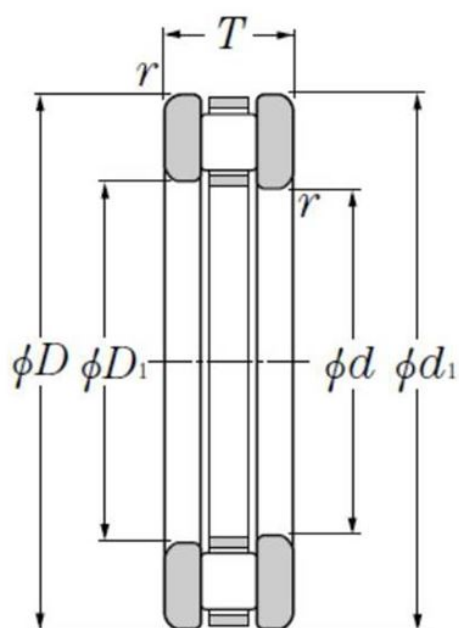
Technical datasheet

81209T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)



Product definition

d	45 mm
D	73 mm
d1	73 mm
D1	47 mm
T	20 mm
Dc1	45 mm
Dc	73 mm
Dw	9 mm
Lw	9 mm
rs min	1 mm
Cage assembly reference	K81209T2
Bearing ring (inner ring) WS	WS81209
Bearing ring (outer ring) GS	GS81209
Ea	68 mm
Eb	48.8 mm
Mass	0.31 kg
Cage assembly mass	0.1 kg
Bearing ring (inner ring) WS mass	0.1 kg
Bearing ring (outer ring) GS mass	0.1 kg
Brand	NTN

Product performance

Ca	82 kN
C0a	222 kN
Nlim (grease)	1,000 rpm
Nlim (oil)	4,100 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	6.49 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz

Abutment dimensions

da min	68 mm
Db max	49 mm
ras max	1 mm