



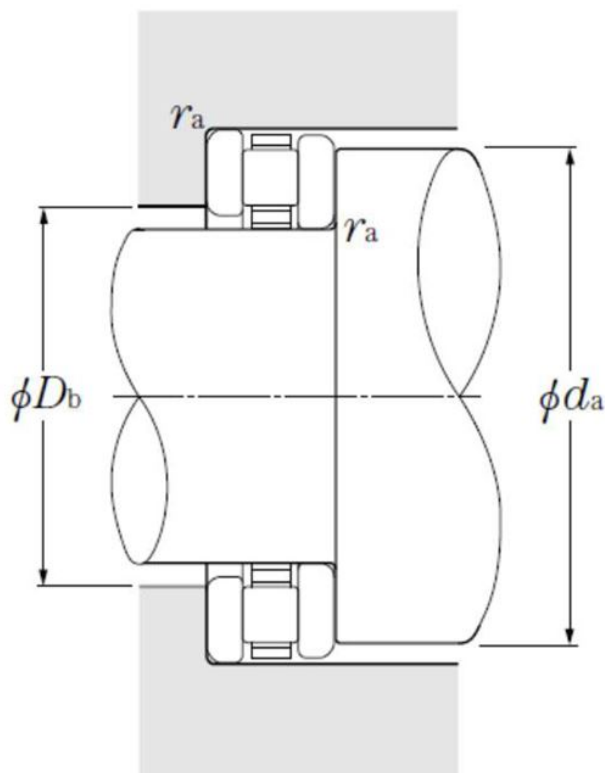
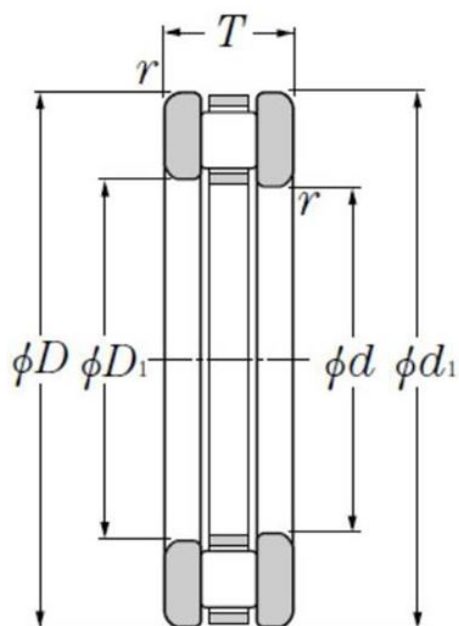
Technical datasheet

81112T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition

d	60 mm
D	85 mm
d1	85 mm
D1	62 mm
T	17 mm
Dc1	60 mm
Dc	85 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81112T2
Bearing ring (inner ring) WS	WS81112
Bearing ring (outer ring) GS	GS81112
Ea	80.1 mm
Eb	63.7 mm
Mass	0.28 kg
Cage assembly mass	0.08 kg
Bearing ring (inner ring) WS mass	0.1 kg
Bearing ring (outer ring) GS mass	0.1 kg
Brand	NTN

Product performance

Ca	69 kN
C0a	215 kN
Nlim (grease)	830 rpm
Nlim (oil)	3,300 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	9.59 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz

Abutment dimensions

da min	80 mm
Db max	65 mm
ras max	1 mm