

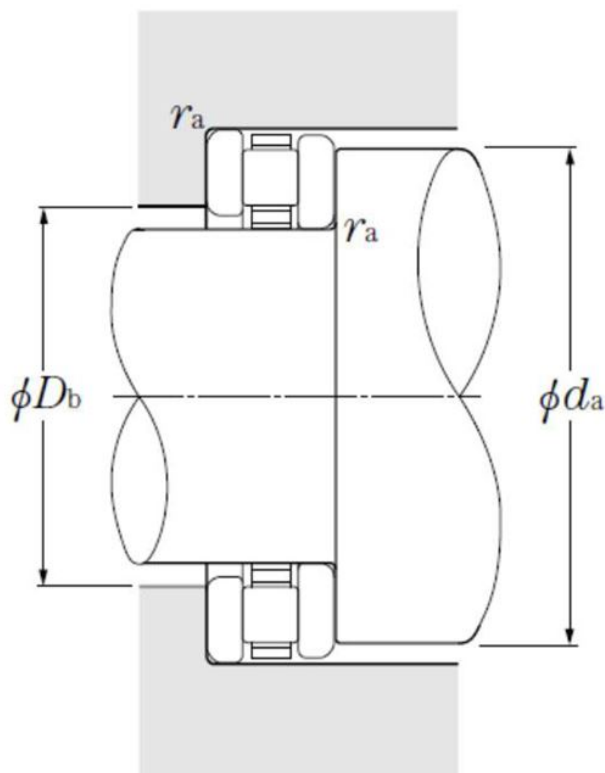
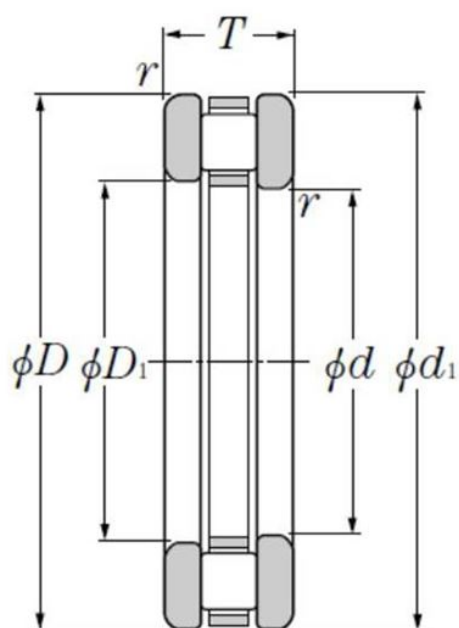
Technical datasheet

81106T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition

d	30 mm
D	47 mm
d1	47 mm
D1	32 mm
T	11 mm
Dc1	30 mm
Dc	47 mm
Dw	5 mm
Lw	5 mm
rs min	0.6 mm
Cage assembly reference	K81106T2
Bearing ring (inner ring) WS	WS81106
Bearing ring (outer ring) GS	GS81106
Ea	43.9 mm
Eb	33.1 mm
Mass	0.07 kg
Cage assembly mass	0.02 kg
Bearing ring (inner ring) WS mass	0.02 kg
Bearing ring (outer ring) GS mass	0.02 kg
Brand	NTN

Product performance

Ca	27.8 kN
C0a	72.5 kN
Nlim (grease)	1,500 rpm
Nlim (oil)	6,000 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	7.7 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPFI	7.5 Hz

Abutment dimensions

da min	44 mm
Db max	33 mm
ras max	0.6 mm