



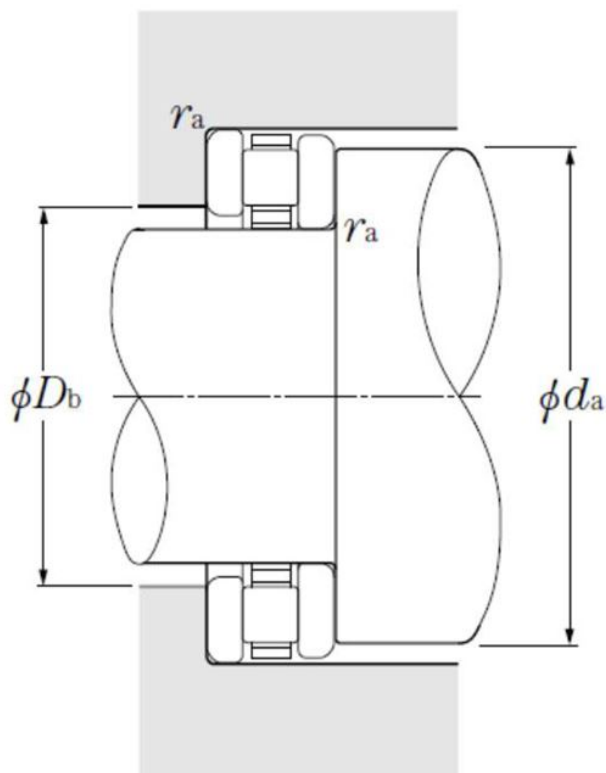
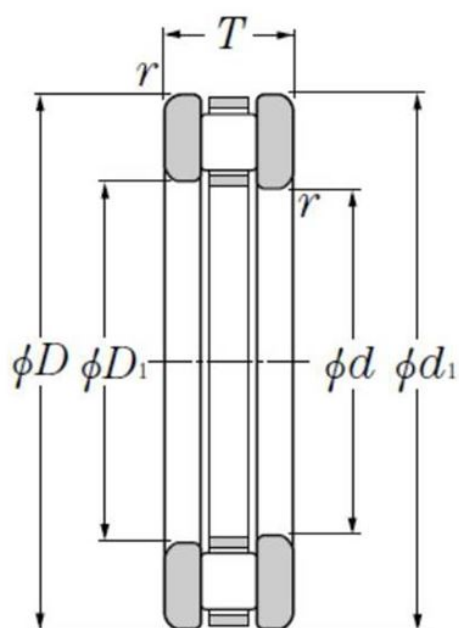
Technical datasheet

81115T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition

d	75 mm
D	100 mm
d1	100 mm
D1	77 mm
T	19 mm
Dc1	75 mm
Dc	100 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81115T2
Bearing ring (inner ring) WS	WS81115
Bearing ring (outer ring) GS	GS81115
Ea	95.1 mm
Eb	78.7 mm
Mass	0.42 kg
Cage assembly mass	0.12 kg
Bearing ring (inner ring) WS mass	0.16 kg
Bearing ring (outer ring) GS mass	0.16 kg
Brand	NTN

Product performance

Ca	78 kN
C0a	268 kN
Nlim (grease)	680 rpm
Nlim (oil)	2,700 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	11.59 Hz
Characteristic outer ring frequency, BPF0	12.5 Hz
Characteristic inner ring frequency, BPFI	12.5 Hz

Abutment dimensions

da min	95 mm
Db max	80 mm
ras max	1 mm