



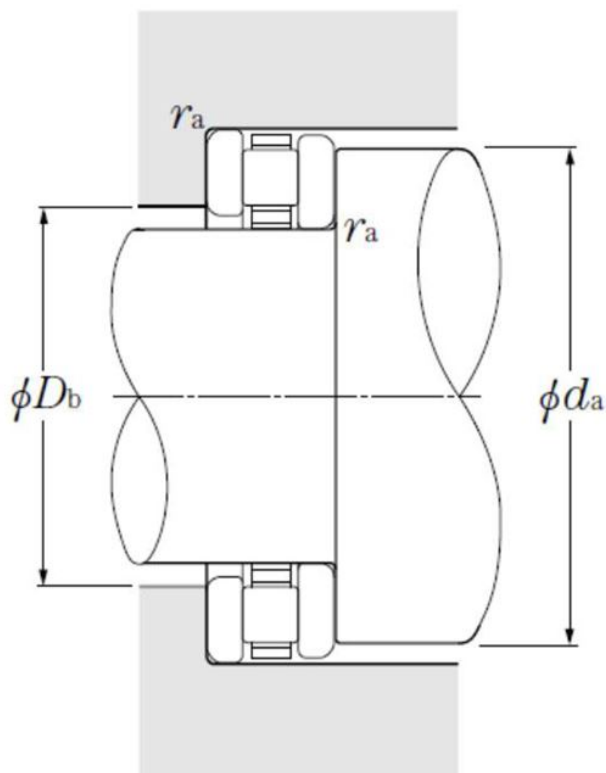
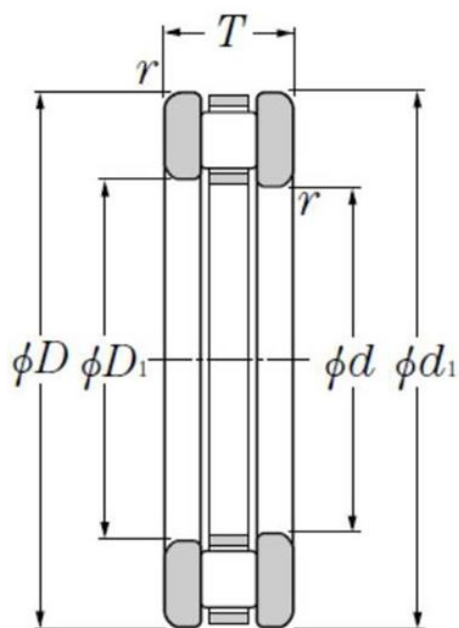
Technical datasheet

81118T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition	
d	90 mm
D	120 mm
d1	120 mm
D1	92 mm
T	22 mm
Dc1	90 mm
Dc	120 mm
Dw	9 mm
Lw	9 mm
rs min	1 mm
Cage assembly reference	K81118T2
Bearing ring (inner ring) WS	WS81118
Bearing ring (outer ring) GS	GS81118
Ea	114.3 mm
Eb	94.7 mm
Mass	0.67 kg
Cage assembly mass	0.17 kg
Bearing ring (inner ring) WS mass	0.25 kg
Bearing ring (outer ring) GS mass	0.25 kg
Brand	NTN

Product performance	
Ca	112 kN
C0a	395 kN
Nlim (grease)	580 rpm
Nlim (oil)	2,300 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	11.61 Hz
Characteristic outer ring frequency, BPF0	12.5 Hz
Characteristic inner ring frequency, BPFI	12.5 Hz

Abutment dimensions	
da min	114 mm
Db max	95 mm
ras max	1 mm