



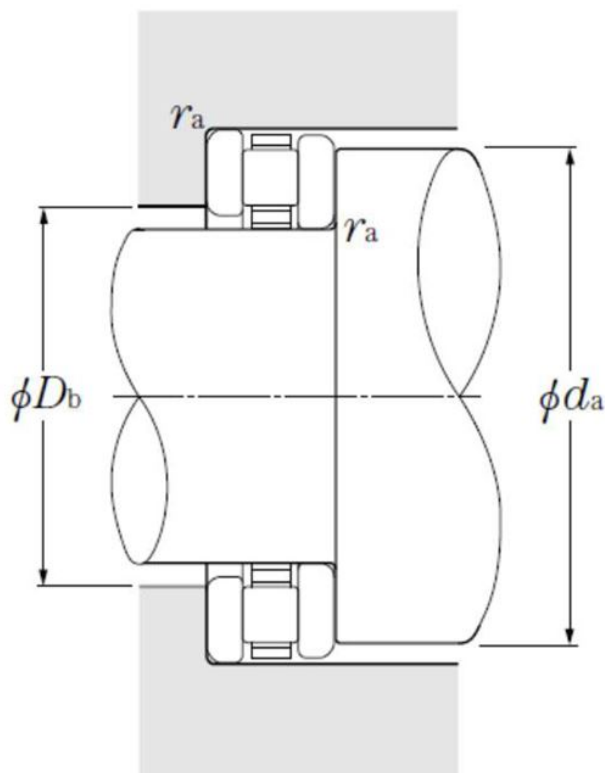
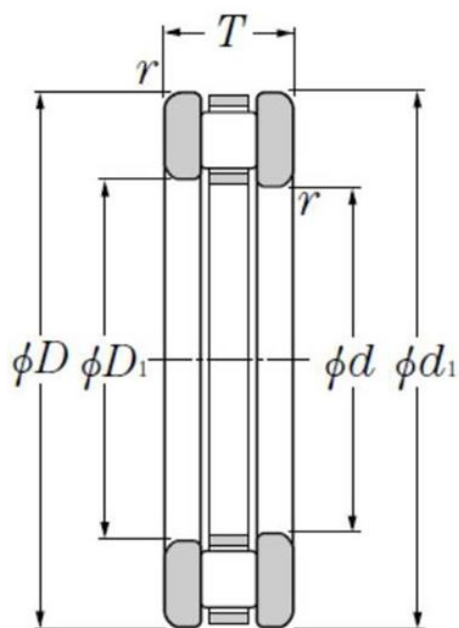
Technical datasheet

81114T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition	
d	70 mm
D	95 mm
d1	95 mm
D1	72 mm
T	18 mm
Dc1	70 mm
Dc	95 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81114T2
Bearing ring (inner ring) WS	WS81114
Bearing ring (outer ring) GS	GS81114
Ea	90.1 mm
Eb	73.7 mm
Mass	0.36 kg
Cage assembly mass	0.1 kg
Bearing ring (inner ring) WS mass	0.14 kg
Bearing ring (outer ring) GS mass	0.14 kg
Brand	NTN

Product performance	
Ca	76.5 kN
C0a	257 kN
Nlim (grease)	730 rpm
Nlim (oil)	2,900 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	10.92 Hz
Characteristic outer ring frequency, BPF0	12 Hz
Characteristic inner ring frequency, BPFI	12 Hz

Abutment dimensions	
da min	90 mm
Db max	74 mm
ras max	1 mm