



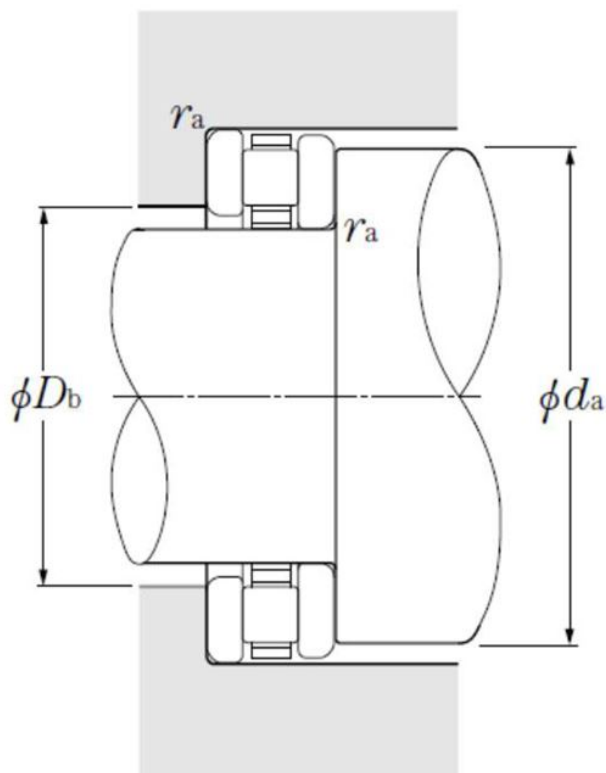
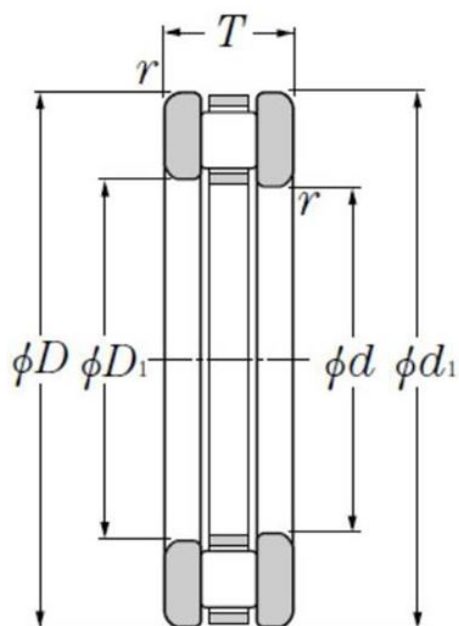
Technical datasheet

81113T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition	
d	65 mm
D	90 mm
d1	90 mm
D1	67 mm
T	18 mm
Dc1	65 mm
Dc	90 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81113T2
Bearing ring (inner ring) WS	WS81113
Bearing ring (outer ring) GS	GS81113
Ea	85.2 mm
Eb	68.8 mm
Mass	0.34 kg
Cage assembly mass	0.09 kg
Bearing ring (inner ring) WS mass	0.12 kg
Bearing ring (outer ring) GS mass	0.12 kg
Brand	NTN

Product performance	
Ca	73 kN
C0a	236 kN
Nlim (grease)	780 rpm
Nlim (oil)	3,100 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	10.27 Hz
Characteristic outer ring frequency, BPF0	11 Hz
Characteristic inner ring frequency, BPF1	11 Hz

Abutment dimensions	
da min	85 mm
Db max	70 mm
ras max	1 mm