



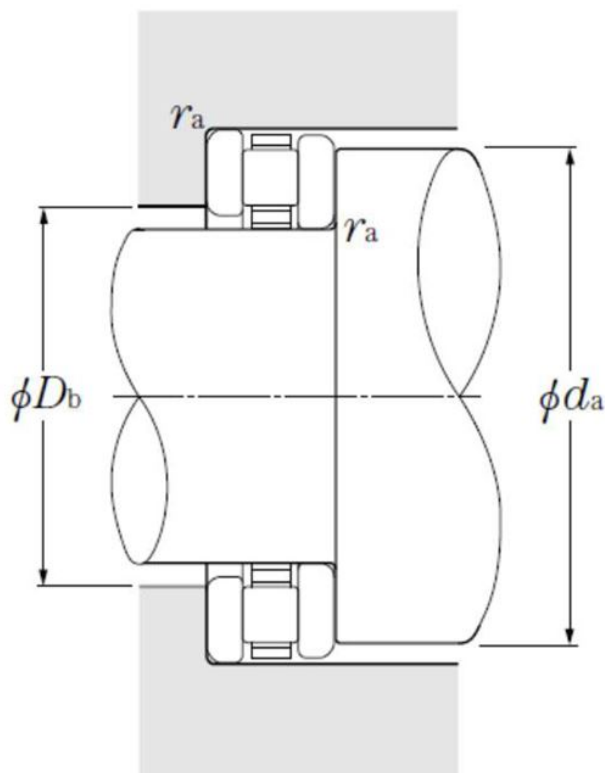
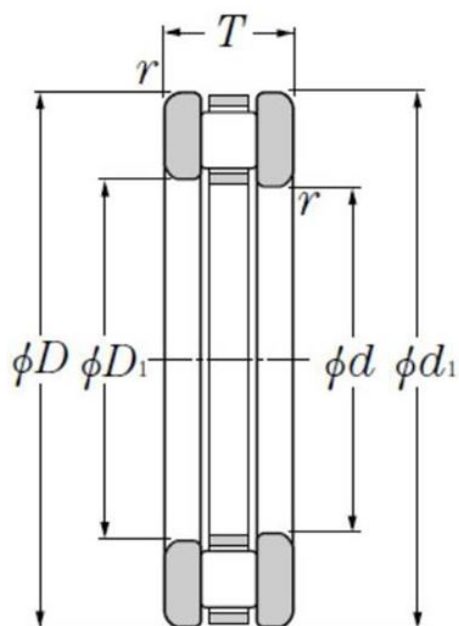
Technical datasheet

81116T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition

d	80 mm
D	105 mm
d1	105 mm
D1	82 mm
T	19 mm
Dc1	80 mm
Dc	105 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81116T2
Bearing ring (inner ring) WS	WS81116
Bearing ring (outer ring) GS	GS81116
Ea	100.1 mm
Eb	83.7 mm
Mass	0.44 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	79.5 kN
C0a	279 kN
Nlim (grease)	650 rpm
Nlim (oil)	2,600 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	12.25 Hz
Characteristic outer ring frequency, BPF0	13 Hz
Characteristic inner ring frequency, BPFI	13 Hz

Abutment dimensions

da min	100 mm
Db max	85 mm
ras max	1 mm