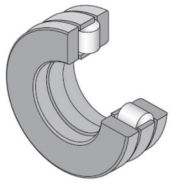
Technical data

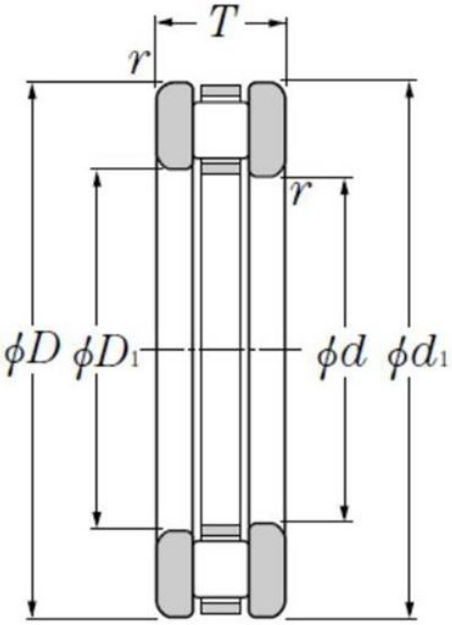
81117T2

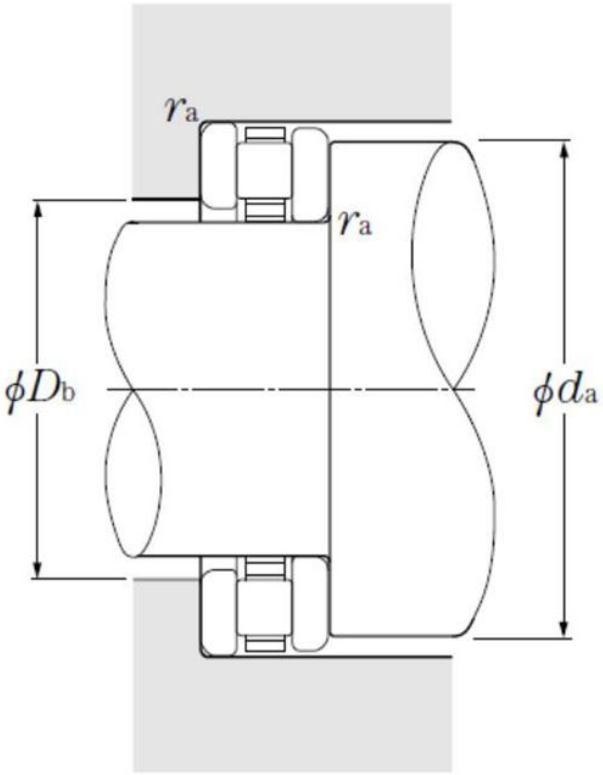
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	85 mm
D	110 mm
d1	110 mm
D1	87 mm
T	19 mm
Dc1	85 mm
Dc	110 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81117T2
Bearing ring (inner ring) WS	WS81117
Bearing ring (outer ring) GS	GS81117
Ea	105.3 mm
Eb	88.7 mm
Mass	0.48 kg
Cage assembly mass	0.12 kg
Bearing ring (inner ring) WS mass	0.18 kg
Bearing ring (outer ring) GS mass	0.18 kg
Brand	NTN

Product performance

Ca	83 kN
C0a	300 kN
Nlim (grease)	630 Tr/min
Nlim (oil)	2,500 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	12.93 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BPFI	14 Hz

Abutment dimensions

da min	105 mm
Db max	89 mm
ras max	1 mm