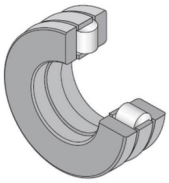
Technical data

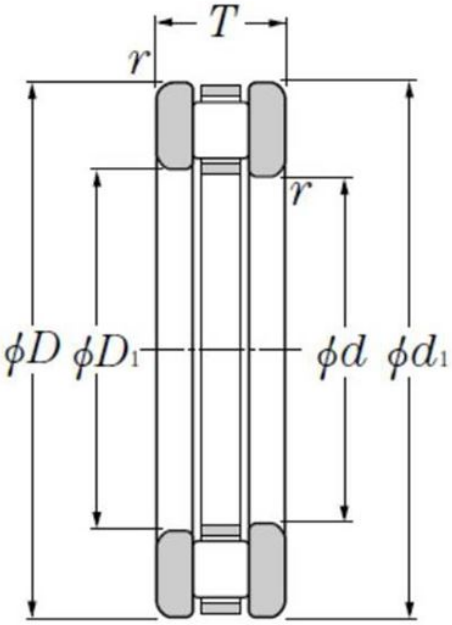
81111T2

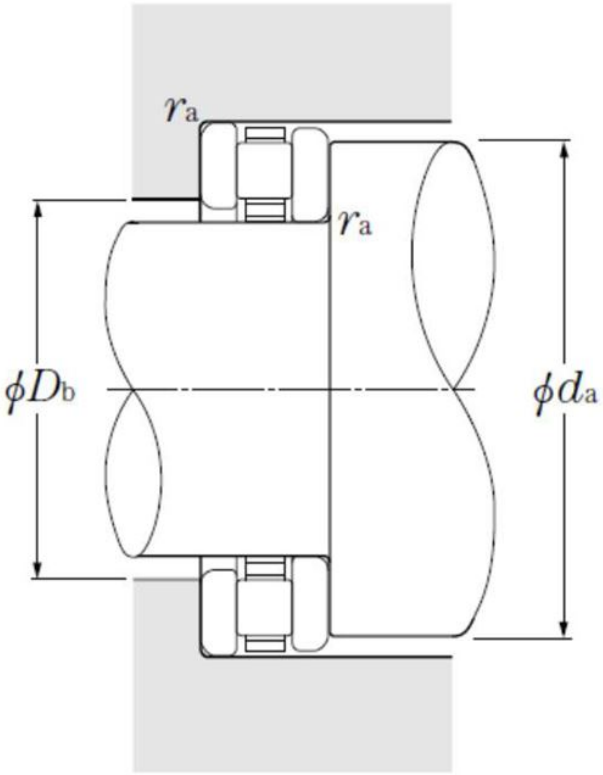
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	55 mm
D	78 mm
d1	78 mm
D1	57 mm
T	16 mm
Dc1	55 mm
Dc	78 mm
Dw	6 mm
Lw	6 mm
rs min	0.6 mm
Cage assembly reference	K81111T2
Bearing ring (inner ring) WS	WS81111
Bearing ring (outer ring) GS	GS81111
Ea	75.2 mm
Eb	57.8 mm
Mass	0.25 kg
Cage assembly mass	0.06 kg
Bearing ring (inner ring) WS mass	0.1 kg
Bearing ring (outer ring) GS mass	0.1 kg
Brand	NTN

Product performance

Ca	62.5 kN
C0a	215 kN
Nlim (grease)	900 Tr/min
Nlim (oil)	3,600 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	11.08 Hz
Characteristic outer ring frequency, BPF0	11 Hz
Characteristic inner ring frequency, BPFI	11 Hz

Abutment dimensions

da min	75 mm
Db max	58 mm
ras max	0.6 mm