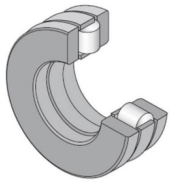
Technical data

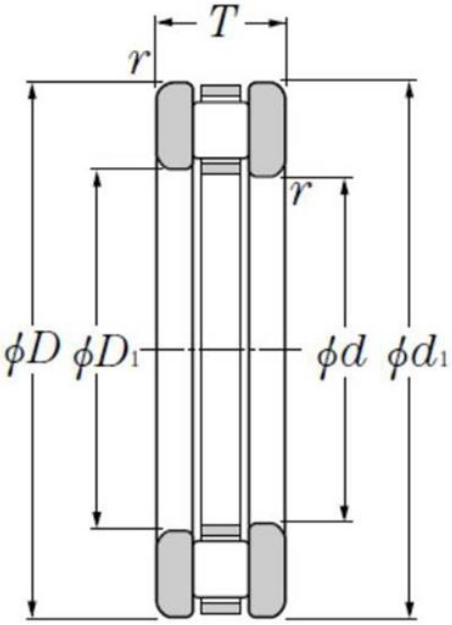
81120T2

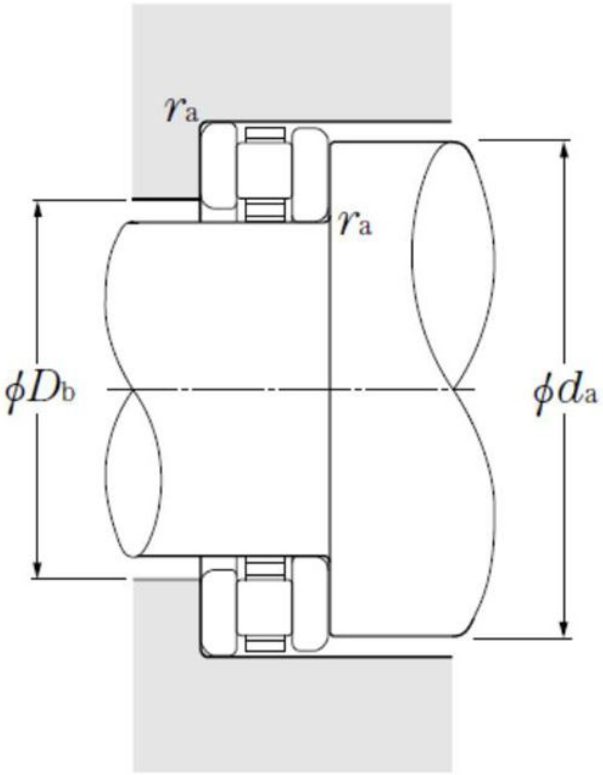
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	100 mm
D	135 mm
d1	135 mm
D1	102 mm
T	25 mm
Dc1	100 mm
Dc	135 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81120T2
Bearing ring (inner ring) WS	WS81120
Bearing ring (outer ring) GS	GS81120
Ea	128.7 mm
Eb	105.1 mm
Mass	1 kg
Cage assembly mass	0.3 kg
Bearing ring (inner ring) WS mass	0.35 kg
Bearing ring (outer ring) GS mass	0.35 kg
Brand	NTN

Product performance

Ca	158 kN
C0a	555 kN
Nlim (grease)	500 Tr/min
Nlim (oil)	2,000 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	10.63 Hz
Characteristic outer ring frequency, BPF0	11.5 Hz
Characteristic inner ring frequency, BPFI	11.5 Hz

Abutment dimensions

da min	128 mm
Db max	106 mm
ras max	1 mm