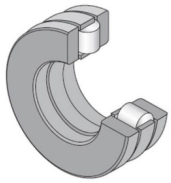
Technical data

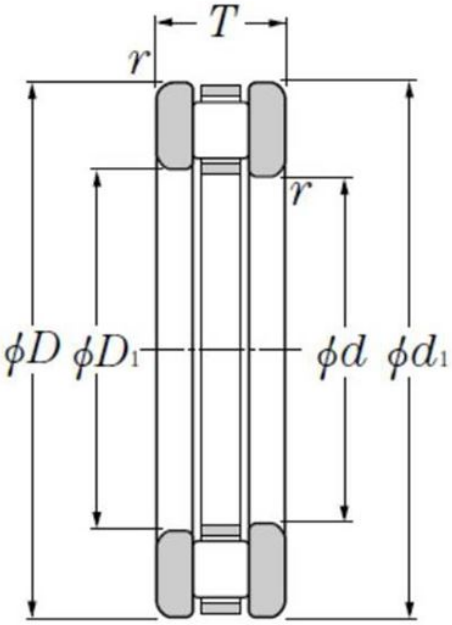
81102T2

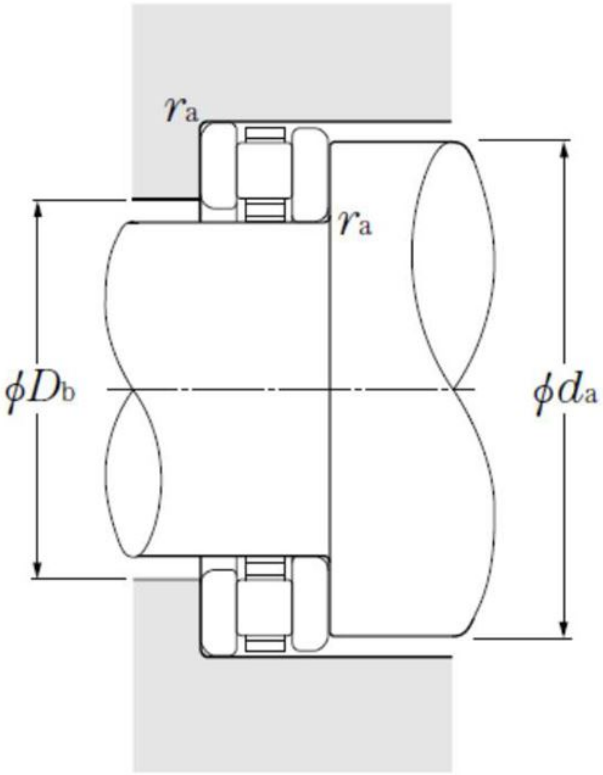
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	15 mm
D	28 mm
d1	28 mm
D1	16 mm
T	9 mm
Dc1	15 mm
Dc	28 mm
Dw	3.5 mm
Lw	3.5 mm
rs min	0.3 mm
Cage assembly reference	K81102T2
Bearing ring (inner ring) WS	WS81102
Bearing ring (outer ring) GS	GS81102
Ea	25 mm
Eb	17.2 mm
Mass	0.03 kg
Cage assembly mass	0.006 kg
Bearing ring (inner ring) WS mass	0.01 kg
Bearing ring (outer ring) GS mass	0.01 kg
Brand	NTN

Product performance

Ca	12.2 kN
C0a	26.8 kN
Nlim (grease)	2,800 Tr/min
Nlim (oil)	11,000 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	6.03 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPFI	6 Hz

Abutment dimensions

da min	25 mm
Db max	18 mm
ras max	0.3 mm