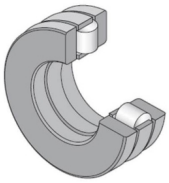
Technical data

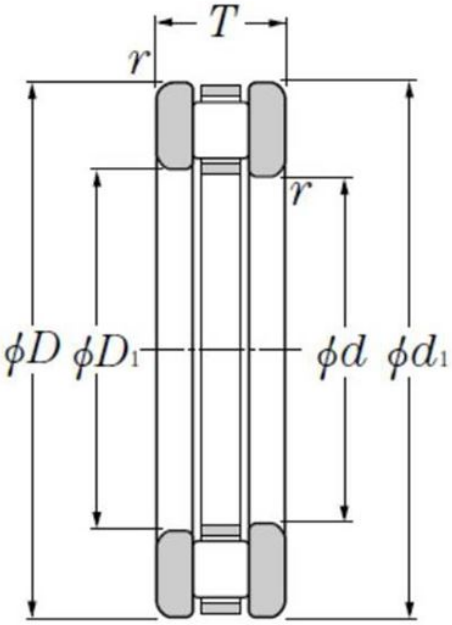
81228

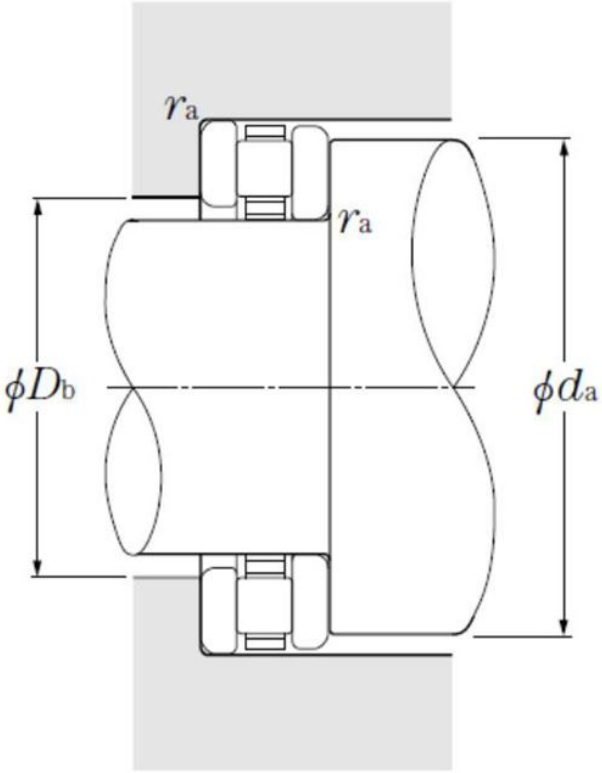
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)





Product definition

d	140 mm
D	200 mm
d1	197 mm
D1	143 mm
T	46 mm
Dc1	140 mm
Dc	200 mm
Dw	19 mm
Lw	19 mm
B	13.5 mm
rs min	1.5 mm
Cage assembly reference	K81228
Bearing ring (inner ring) WS	WS81228
Bearing ring (outer ring) GS	GS81228
Ea	189 mm
Eb	150.1 mm
Mass	4.57 kg
Cage assembly mass	1.2 kg
Bearing ring (inner ring) WS mass	1.69 kg
Bearing ring (outer ring) GS mass	1.69 kg
Precision class	P0
Brand	NTN

Product performance

Ca	370 kN
C0a	1,280 kN
Nlim (grease)	350 Tr/min
Nlim (oil)	1,400 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	8.92 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz

Abutment dimensions

da min	188 mm
Db max	150 mm
ras max	1.5 mm