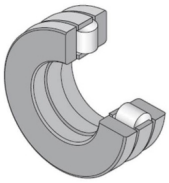
Technical datasheet

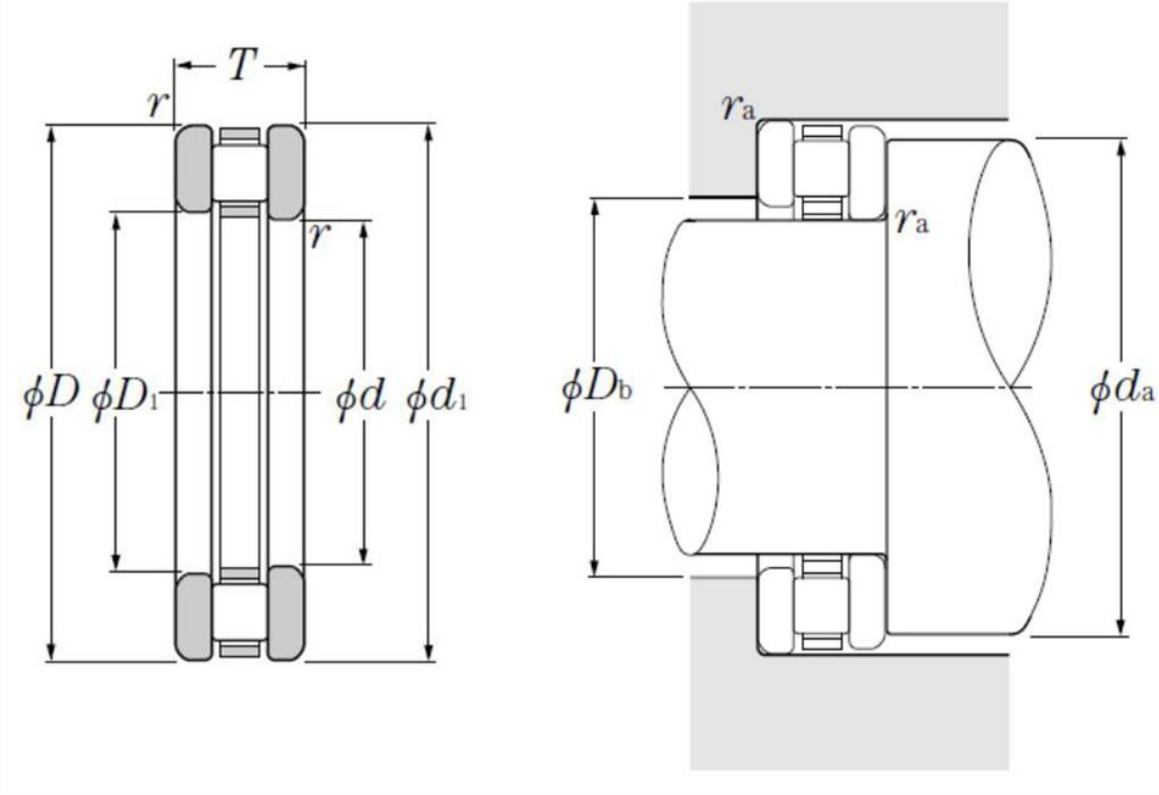
81226

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series



Visual(s)



Product definition

d	130 mm
D	190 mm
d1	187 mm
D1	133 mm
T	45 mm
Dc1	130 mm
Dc	190 mm
Dw	19 mm
Lw	19 mm
rs min	1.5 mm
Cage assembly reference	K81226
Bearing ring (inner ring) WS	WS81226
Bearing ring (outer ring) GS	GS81226
Ea	179 mm
Eb	140.1 mm
Mass	4.2 kg
Cage assembly mass	1.14 kg
Bearing ring (inner ring) WS mass	1.53 kg
Bearing ring (outer ring) GS mass	1.53 kg
Brand	NTN

Product performance

Ca	360 kN
C0a	1,210 kN
Nlim (grease)	380 rpm
Nlim (oil)	1,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.4 Hz
Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPFI	8.5 Hz

Abutment dimensions

da min	178 mm
Db max	140 mm
ras max	1.5 mm