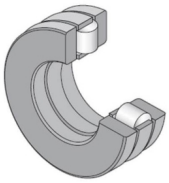
Technical datasheet

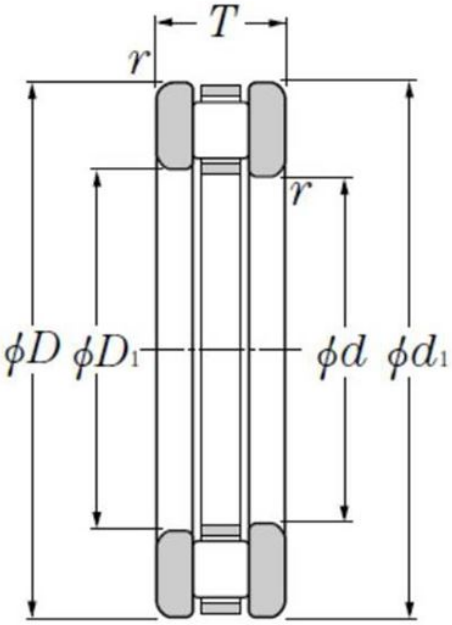
81206

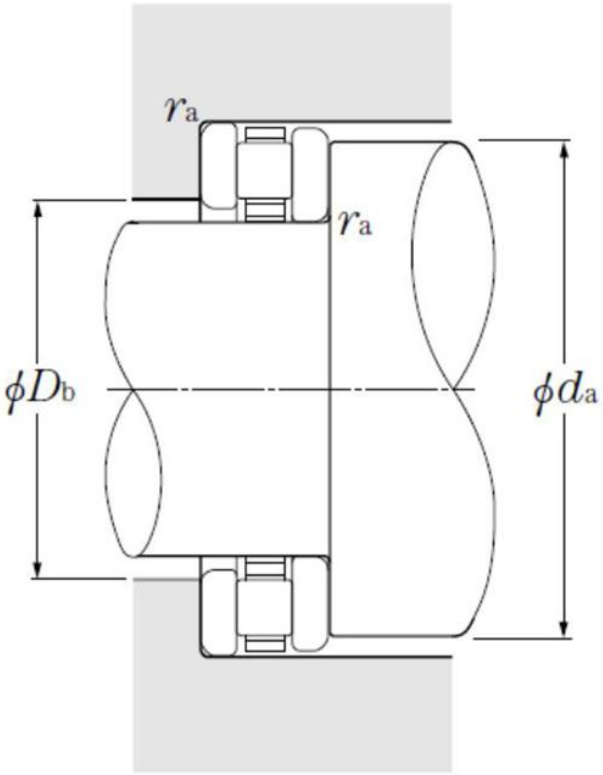
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)





Product definition

d	30 mm
D	52 mm
d1	52 mm
D1	32 mm
T	16 mm
Dc1	30 mm
Dc	52 mm
Dw	7.5 mm
Lw	7.5 mm
B	4.25 mm
rs min	0.6 mm
Cage assembly reference	K81206
Bearing ring (inner ring) WS	WS81206
Bearing ring (outer ring) GS	GS81206
Ea	49 mm
Eb	32.8 mm
Mass	0.14 kg
Cage assembly mass	0.05 kg
Bearing ring (inner ring) WS mass	0.04 kg
Bearing ring (outer ring) GS mass	0.04 kg
Precision class	P0
Brand	NTN

Product performance

Ca	53 kN
C0a	129 kN
Nlim (grease)	1,500 rpm
Nlim (oil)	6,000 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	5.45 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPFI	6 Hz

Abutment dimensions

da min	48 mm
Db max	33 mm
ras max	0.6 mm