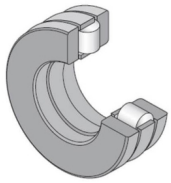
Technical data

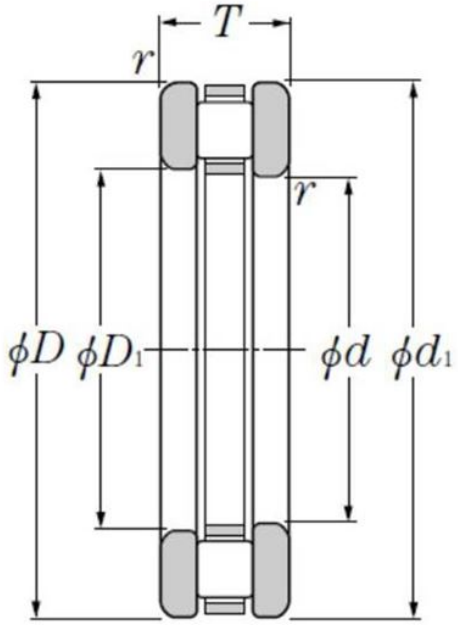
81128

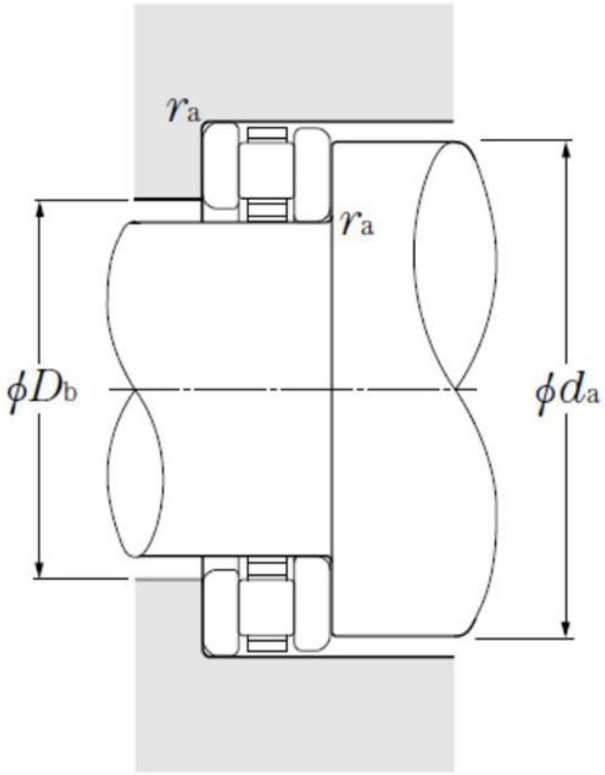
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	140 mm
D	180 mm
d1	178 mm
D1	142 mm
T	31 mm
Dc1	140 mm
Dc	180 mm
Dw	12 mm
Lw	12 mm
rs min	1 mm
Cage assembly reference	K81128
Bearing ring (inner ring) WS	WS81128
Bearing ring (outer ring) GS	GS81128
Ea	172.5 mm
Eb	147.8 mm
Mass	1.95 kg
Cage assembly mass	0.45 kg
Bearing ring (inner ring) WS mass	0.75 kg
Bearing ring (outer ring) GS mass	0.75 kg
Brand	NTN

Product performance

Ca	206 kN
C0a	815 kN
Nlim (grease)	380 Tr/min
Nlim (oil)	1,500 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	13.35 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BPFI	14 Hz

Abutment dimensions

da min	172 mm
Db max	147 mm
ras max	1 mm