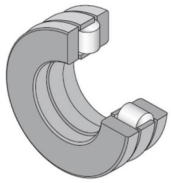
Technical data

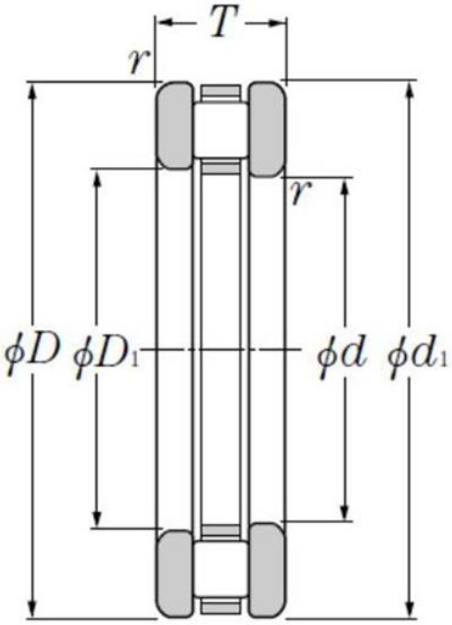
81130

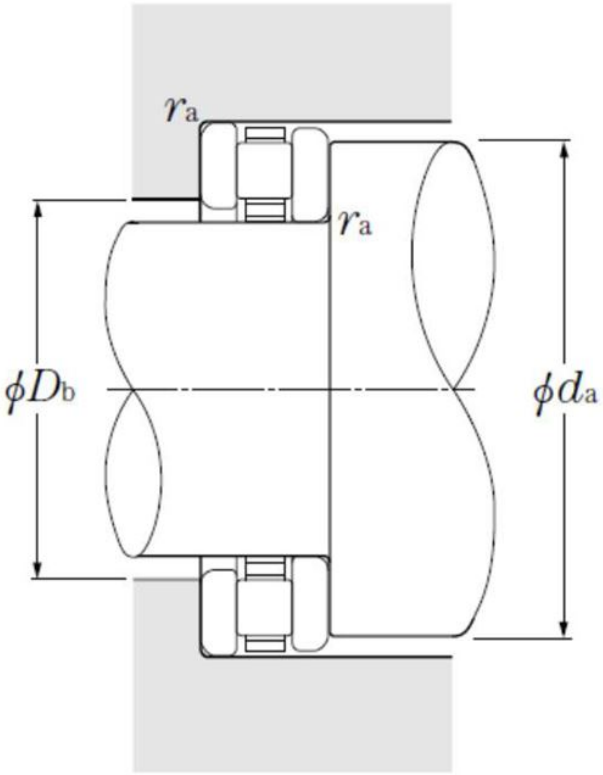
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	150 mm
D	190 mm
d1	188 mm
D1	152 mm
T	31 mm
Dc1	150 mm
Dc	190 mm
Dw	12 mm
Lw	12 mm
rs min	1 mm
Cage assembly reference	K81130
Bearing ring (inner ring) WS	WS81130
Bearing ring (outer ring) GS	GS81130
Ea	182.4 mm
Eb	157.7 mm
Mass	2.07 kg
Cage assembly mass	0.47 kg
Bearing ring (inner ring) WS mass	0.8 kg
Bearing ring (outer ring) GS mass	0.8 kg
Brand	NTN

Product performance

Ca	214 kN
C0a	870 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	14.17 Hz
Characteristic outer ring frequency, BPF0	15 Hz
Characteristic inner ring frequency, BPFI	15 Hz

Abutment dimensions

da min	182 mm
Db max	157 mm
ras max	1 mm