

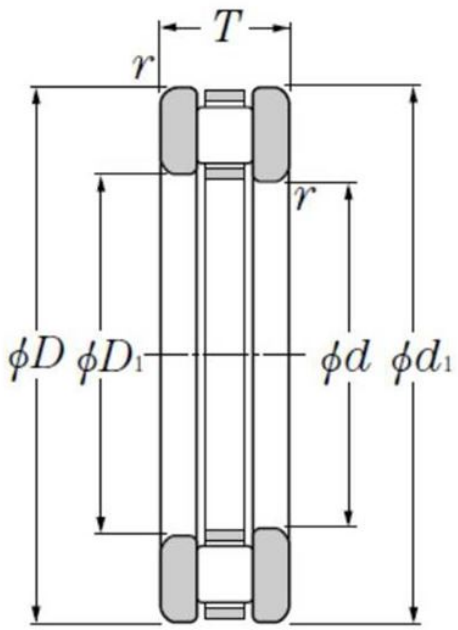
Technical data

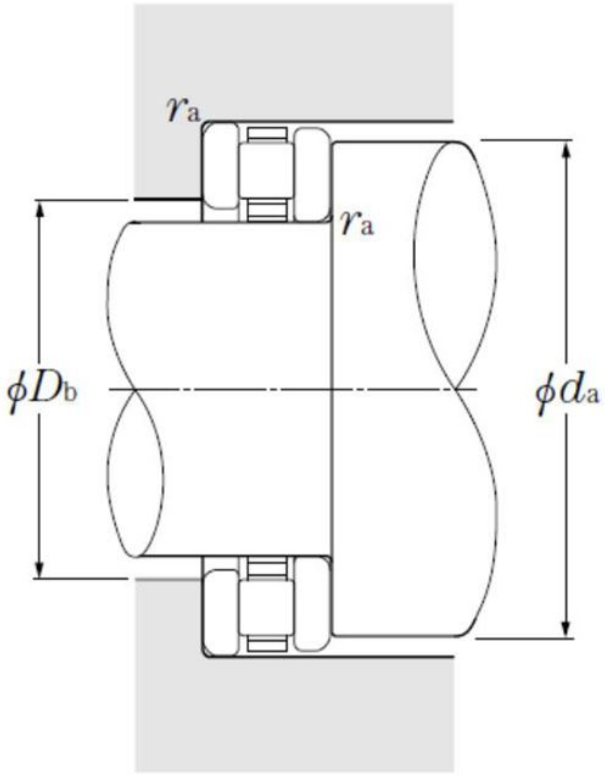
81126

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)





Product definition

d	130 mm
D	170 mm
d1	170 mm
D1	132 mm
T	30 mm
Dc1	130 mm
Dc	170 mm
Dw	12 mm
Lw	12 mm
rs min	1 mm
Cage assembly reference	K81126
Bearing ring (inner ring) WS	WS81126
Bearing ring (outer ring) GS	GS81126
Ea	162.4 mm
Eb	137.7 mm
Mass	1.74 kg
Cage assembly mass	0.42 kg
Bearing ring (inner ring) WS mass	0.66 kg
Bearing ring (outer ring) GS mass	0.66 kg
Brand	NTN

Product performance

Ca	197 kN
C0a	755 kN
Nlim (grease)	400 Tr/min
Nlim (oil)	1,600 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	12.5 Hz
Characteristic outer ring frequency, BPF0	13 Hz
Characteristic inner ring frequency, BPFI	13 Hz

Abutment dimensions

da min	162 mm
Db max	137 mm
ras max	1 mm