



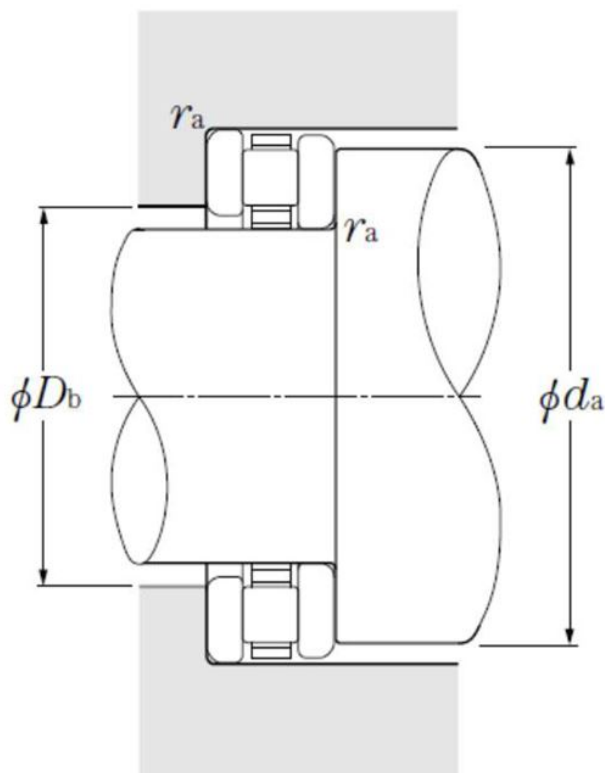
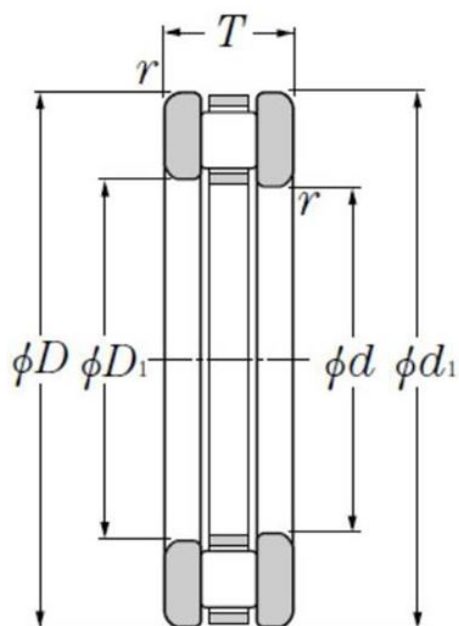
Technical datasheet

81207T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)



Product definition

d	35 mm
D	62 mm
d1	62 mm
D1	37 mm
T	18 mm
Dc1	35 mm
Dc	62 mm
Dw	7.5 mm
Lw	7.5 mm
rs min	1 mm
Cage assembly reference	K81207T2
Bearing ring (inner ring) WS	WS81207
Bearing ring (outer ring) GS	GS81207
Ea	56 mm
Eb	39.8 mm
Mass	0.24 kg
Cage assembly mass	0.06 kg
Bearing ring (inner ring) WS mass	0.08 kg
Bearing ring (outer ring) GS mass	0.08 kg
Brand	NTN

Product performance

Ca	54.5 kN
C0a	139 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	4,900 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	6.39 Hz
Characteristic outer ring frequency, BPF0	6.5 Hz
Characteristic inner ring frequency, BPF1	6.5 Hz

Abutment dimensions

da min	56 mm
Db max	41 mm
ras max	1 mm