



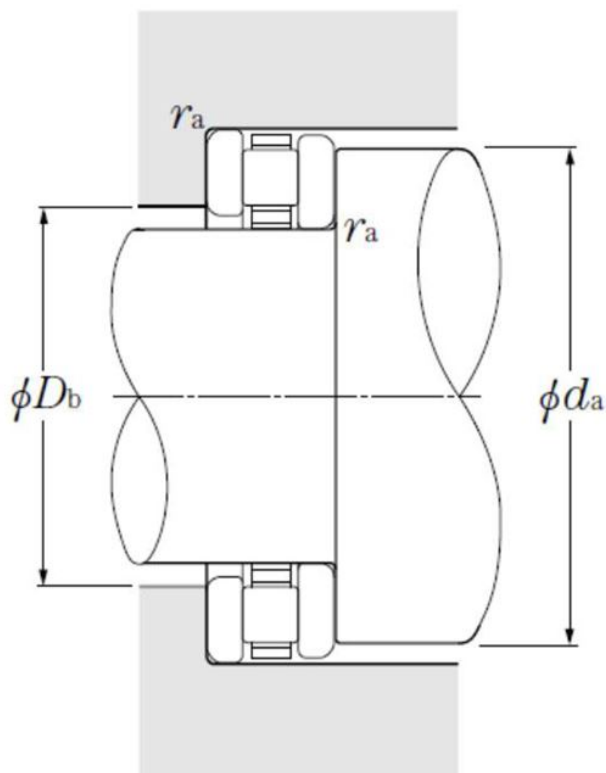
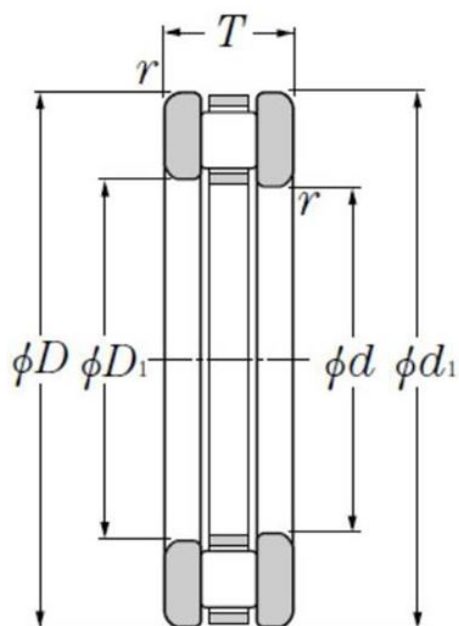
Technical datasheet

81215T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

Visual(s)



Product definition

d	75 mm
D	110 mm
d1	110 mm
D1	77 mm
T	27 mm
Dc1	75 mm
Dc	110 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81215T2
Bearing ring (inner ring) WS	WS81215
Bearing ring (outer ring) GS	GS81215
Ea	103.7 mm
Eb	80.1 mm
Mass	0.86 kg
Cage assembly mass	0.24 kg
Bearing ring (inner ring) WS mass	0.31 kg
Bearing ring (outer ring) GS mass	0.31 kg
Brand	NTN

Product performance

Ca	138 kN
C0a	435 kN
Nlim (grease)	650 rpm
Nlim (oil)	2,600 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	8.36 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz

Abutment dimensions

da min	103 mm
Db max	81 mm
ras max	1 mm