



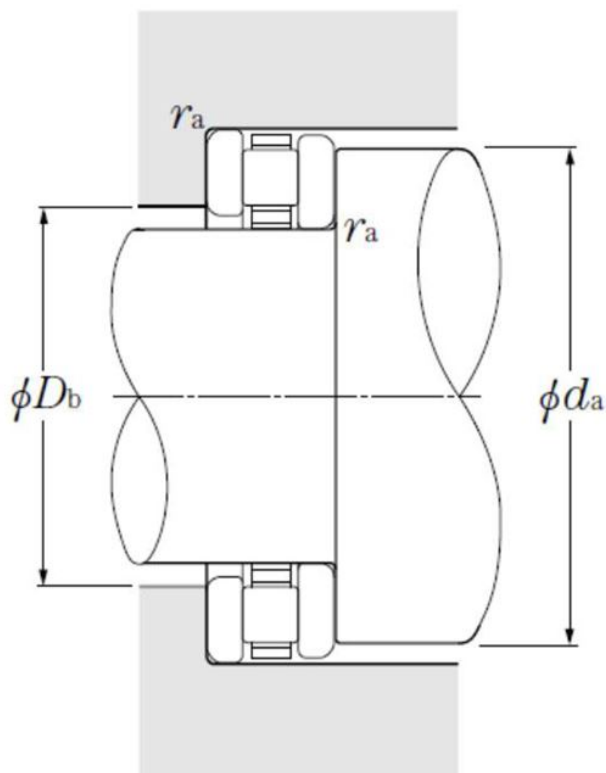
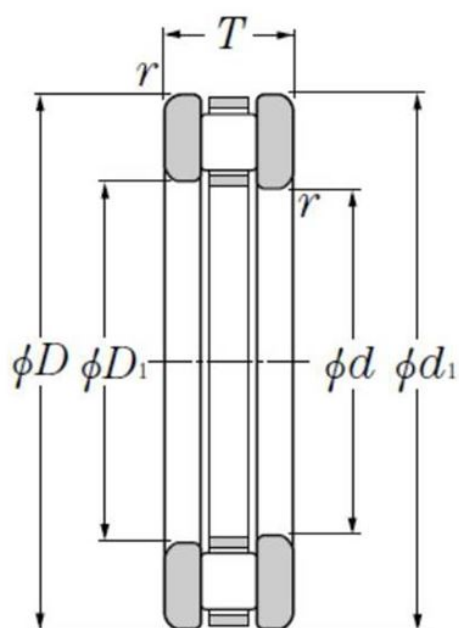
Technical datasheet

81122T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

Visual(s)



Product definition

d	110 mm
D	145 mm
d1	145 mm
D1	112 mm
T	25 mm
Dc1	110 mm
Dc	145 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81122T2
Bearing ring (inner ring) WS	WS81122
Bearing ring (outer ring) GS	GS81122
Ea	138.8 mm
Eb	115 mm
Mass	1.1 kg
Cage assembly mass	0.32 kg
Bearing ring (inner ring) WS mass	0.38 kg
Bearing ring (outer ring) GS mass	0.38 kg
Brand	NTN

Product performance

Ca	165 kN
C0a	605 kN
Nlim (grease)	480 rpm
Nlim (oil)	1,900 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	11.54 Hz
Characteristic outer ring frequency, BPF0	12.5 Hz
Characteristic inner ring frequency, BPFI	12.5 Hz

Abutment dimensions

da min	138 mm
Db max	116 mm
ras max	1 mm