

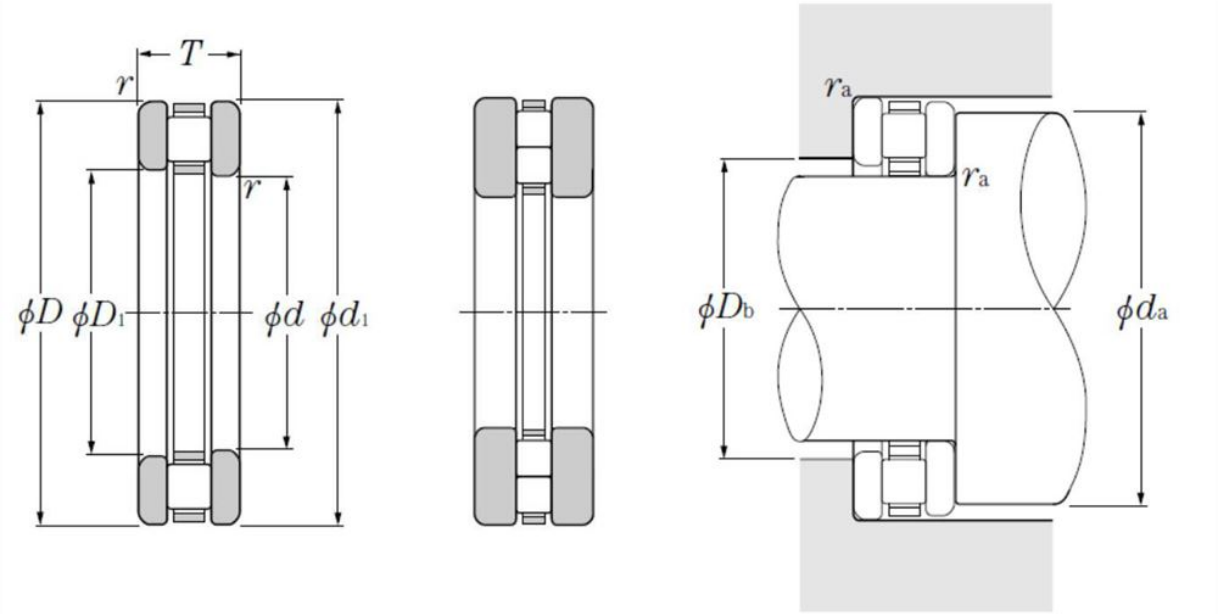
Technical data

89313

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 893 series

Visual(s)



Product definition

d	65 mm
D	115 mm
d1	115 mm
D1	67 mm
T	30 mm
Dc1	65 mm
Dc	115 mm
Dw	9 mm
Lw	9 mm
rs min	1.1 mm
Cage assembly reference	K89313
Bearing ring (inner ring) WS	WS89313
Bearing ring (outer ring) GS	GS89313
Ea	110.3 mm
Eb	73.9 mm
Mass	1.43 kg
Cage assembly mass	0.26 kg
Bearing ring (inner ring) WS mass	0.58 kg
Bearing ring (outer ring) GS mass	0.58 kg
Brand	NTN

Product performance

Ca	167 kN
C0a	635 kN
Nlim (grease)	650 Tr/min
Nlim (oil)	2,600 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	10.23 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz

Abutment dimensions

da min	110 mm
Db max	74 mm
ras max	1 mm