

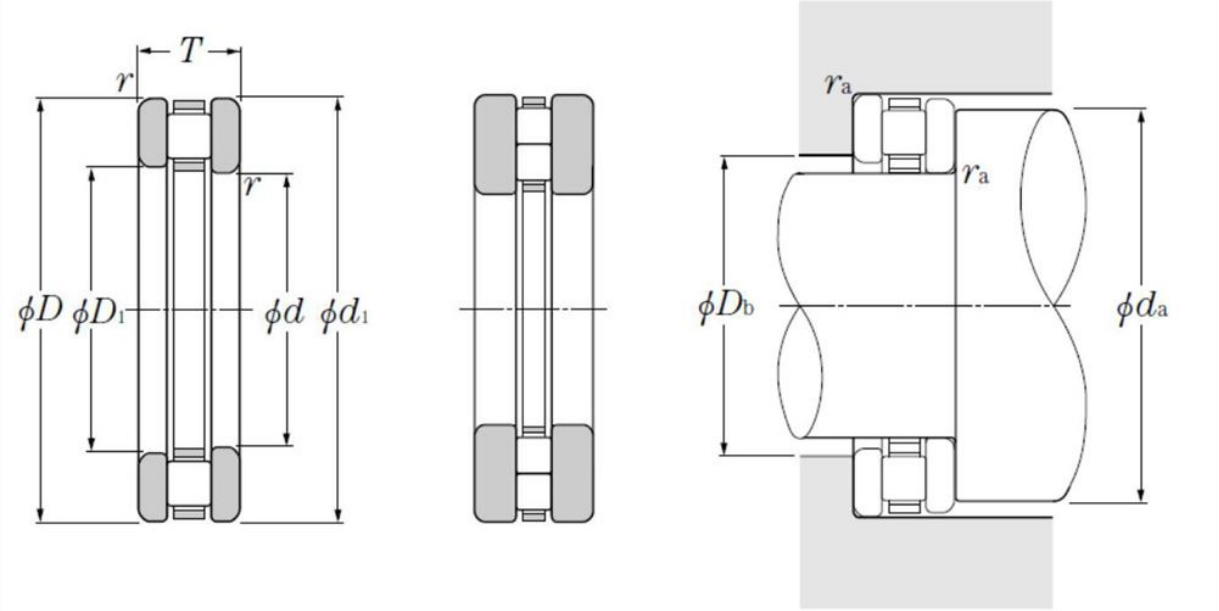
Technical data

89308

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 893 series

Visual(s)



Product definition

d	40 mm
D	78 mm
d1	78 mm
D1	42 mm
T	22 mm
Dc1	40 mm
Dc	78 mm
Dw	7 mm
Lw	7 mm
rs min	1 mm
Cage assembly reference	K89308
Bearing ring (inner ring) WS	WS89308
Bearing ring (outer ring) GS	GS89308
Ea	74.4 mm
Eb	46 mm
Mass	0.52 kg
Cage assembly mass	0.1 kg
Bearing ring (inner ring) WS mass	0.21 kg
Bearing ring (outer ring) GS mass	0.21 kg
Brand	NTN

Product performance

Ca	85 kN
C0a	277 kN
Nlim (grease)	1,000 Tr/min
Nlim (oil)	4,000 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	8.6 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPFI	7.5 Hz

Abutment dimensions

da min	74 mm
Db max	46 mm
ras max	1 mm