

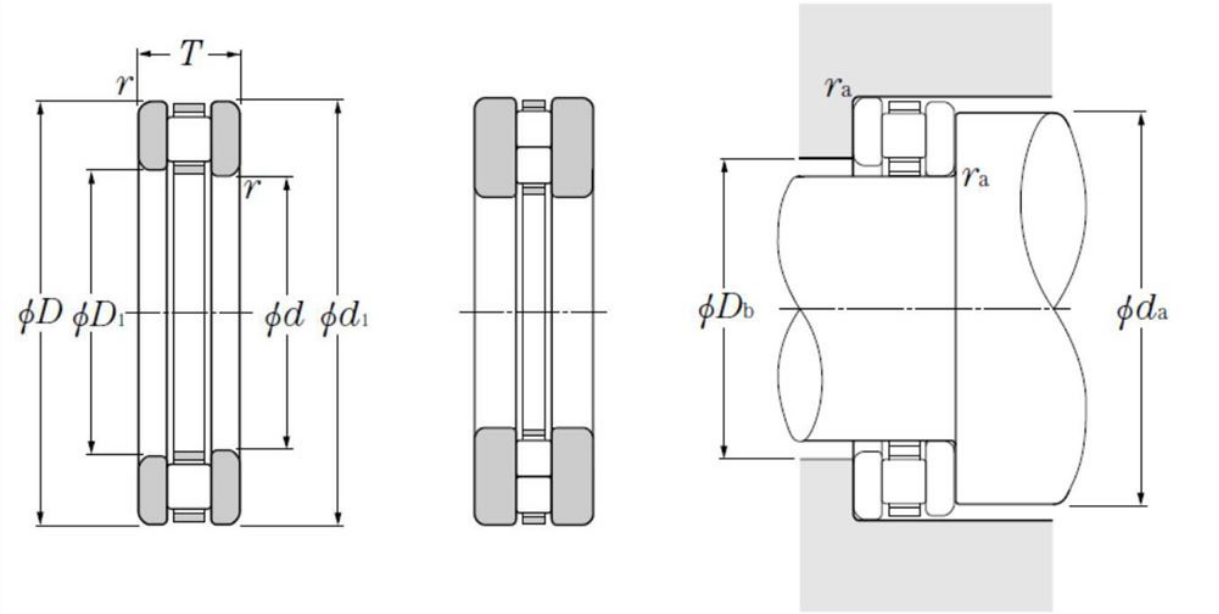
Technical data

89315

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 893 series

Visual(s)



Product definition

d	75 mm
D	135 mm
d1	135 mm
D1	77 mm
T	36 mm
Dc1	75 mm
Dc	135 mm
Dw	11 mm
Lw	11 mm
rs min	1.5 mm
Cage assembly reference	K89315
Bearing ring (inner ring) WS	WS89315
Bearing ring (outer ring) GS	GS89315
Ea	129.2 mm
Eb	84.7 mm
Mass	2.41 kg
Cage assembly mass	0.47 kg
Bearing ring (inner ring) WS mass	0.97 kg
Bearing ring (outer ring) GS mass	0.97 kg
Brand	NTN

Product performance

Ca	239 kN
C0a	920 kN
Nlim (grease)	550 Tr/min
Nlim (oil)	2,200 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	9.72 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPFI	9.5 Hz

Abutment dimensions

da min	129 mm
Db max	85 mm
ras max	1.5 mm