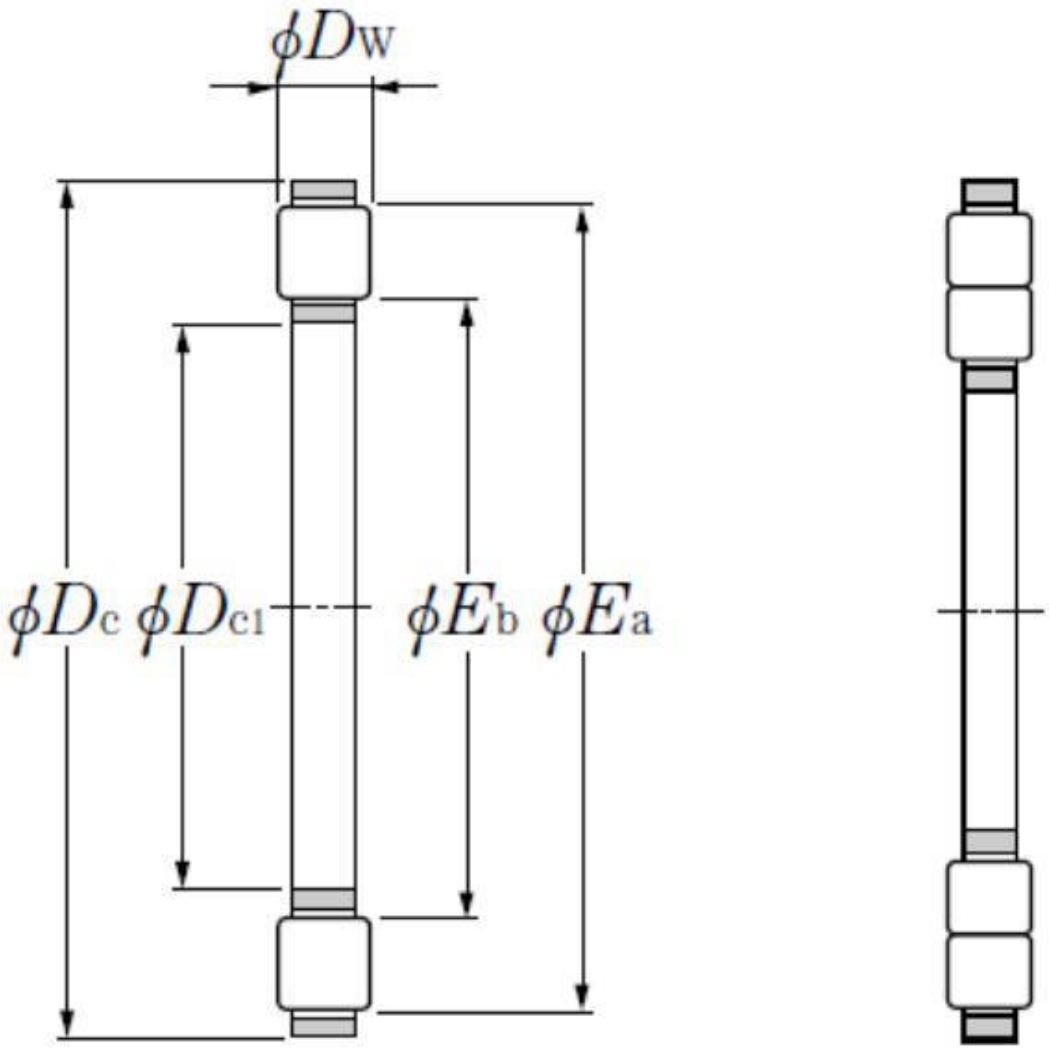
Technical datasheet

K89307

Thrust cylindrical roller bearing cages

Needle roller bearing, thrust cylindrical roller bearing, cage assembly, K893 series

Visual(s)



Product definition

Dc1	35 mm
Dc	68 mm
Dw	6 mm
Lw	6 mm
Bearing ring (inner ring) WS	WS89307
Bearing ring (outer ring) GS	GS89307
Ea	64.4 mm
Eb	40 mm
Cage assembly mass	0.06 kg
Brand	NTN

Product performance

Ca	66 kN
C0a	214 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	4,600 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	8.7 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPFI	7.5 Hz