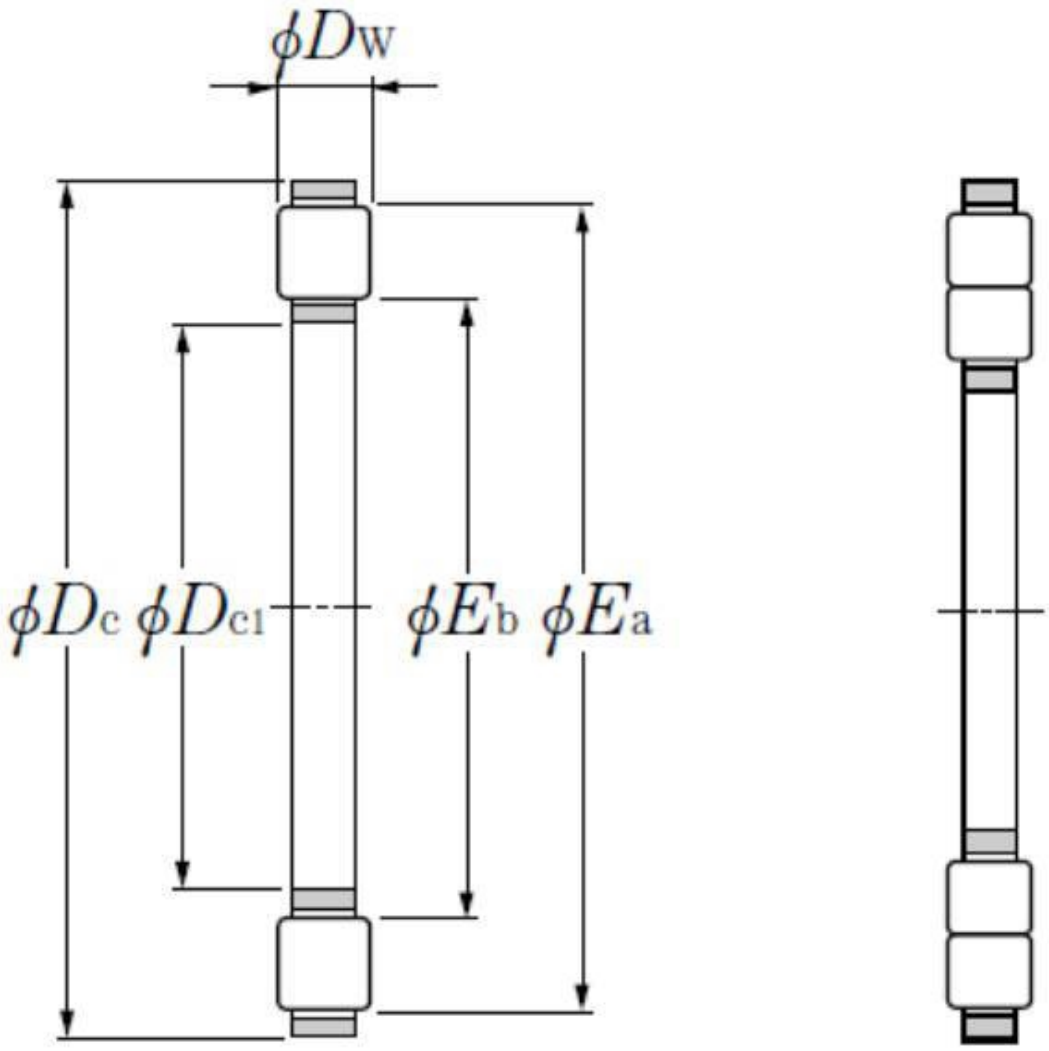
Technical datasheet

K89310

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition

Dc1	50 mm
Dc	95 mm
Dw	8 mm
Lw	8 mm
Bearing ring (inner ring) WS	WS89310
Bearing ring (outer ring) GS	GS89310
Ea	90.4 mm
Eb	58 mm
Cage assembly mass	0.18 kg
Brand	NTN

Product performance

Ca	125 kN
C0a	445 kN
Nlim (grease)	800 rpm
Nlim (oil)	3,200 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	9.28 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz