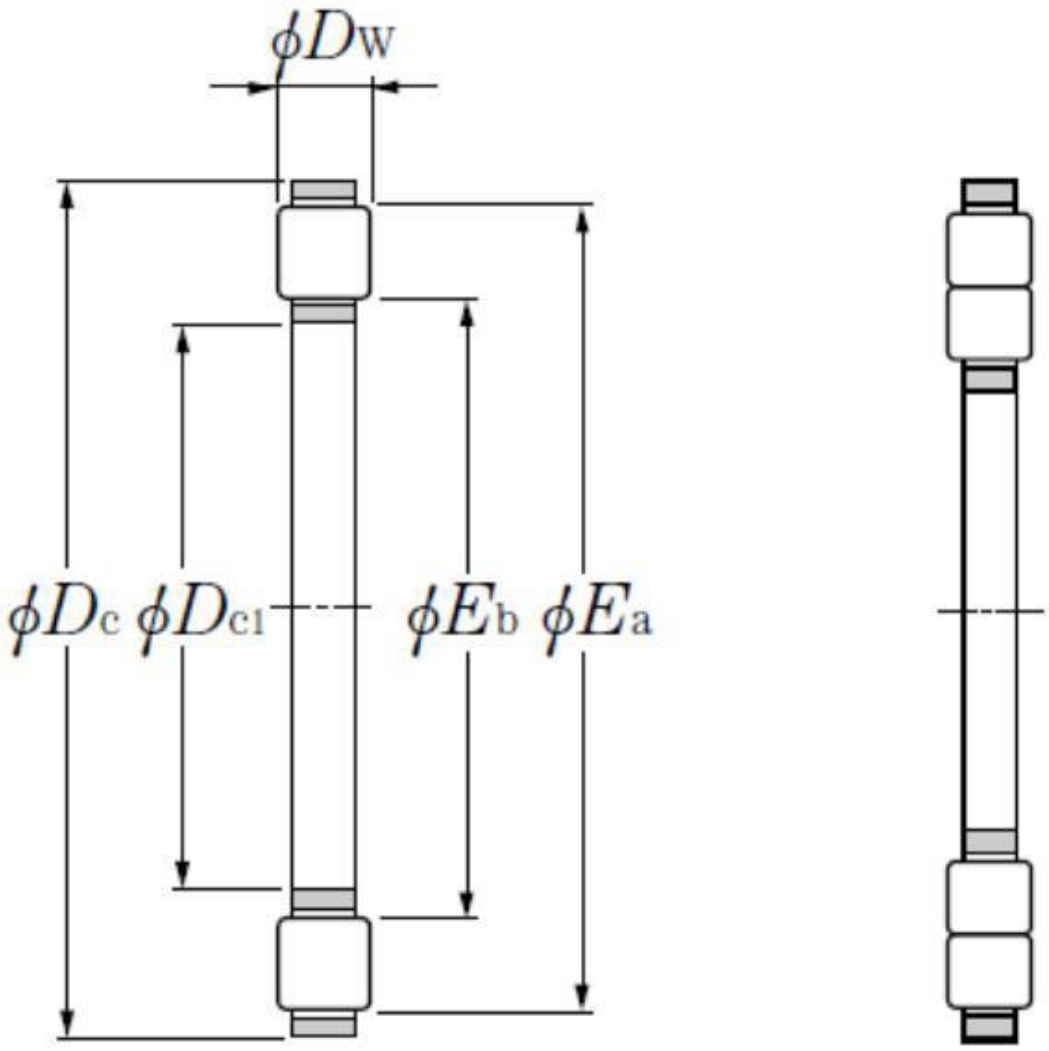
Technical datasheet

K89306

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition

Dc1	30 mm
Dc	60 mm
Dw	5.5 mm
Lw	5.5 mm
Bearing ring (inner ring) WS	WS89306
Bearing ring (outer ring) GS	GS89306
Ea	56.4 mm
Eb	34 mm
Cage assembly mass	0.05 kg
Brand	NTN

Product performance

Ca	54 kN
C0a	166 kN
Nlim (grease)	1,300 rpm
Nlim (oil)	5,000 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	8.22 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz