Technical datasheet

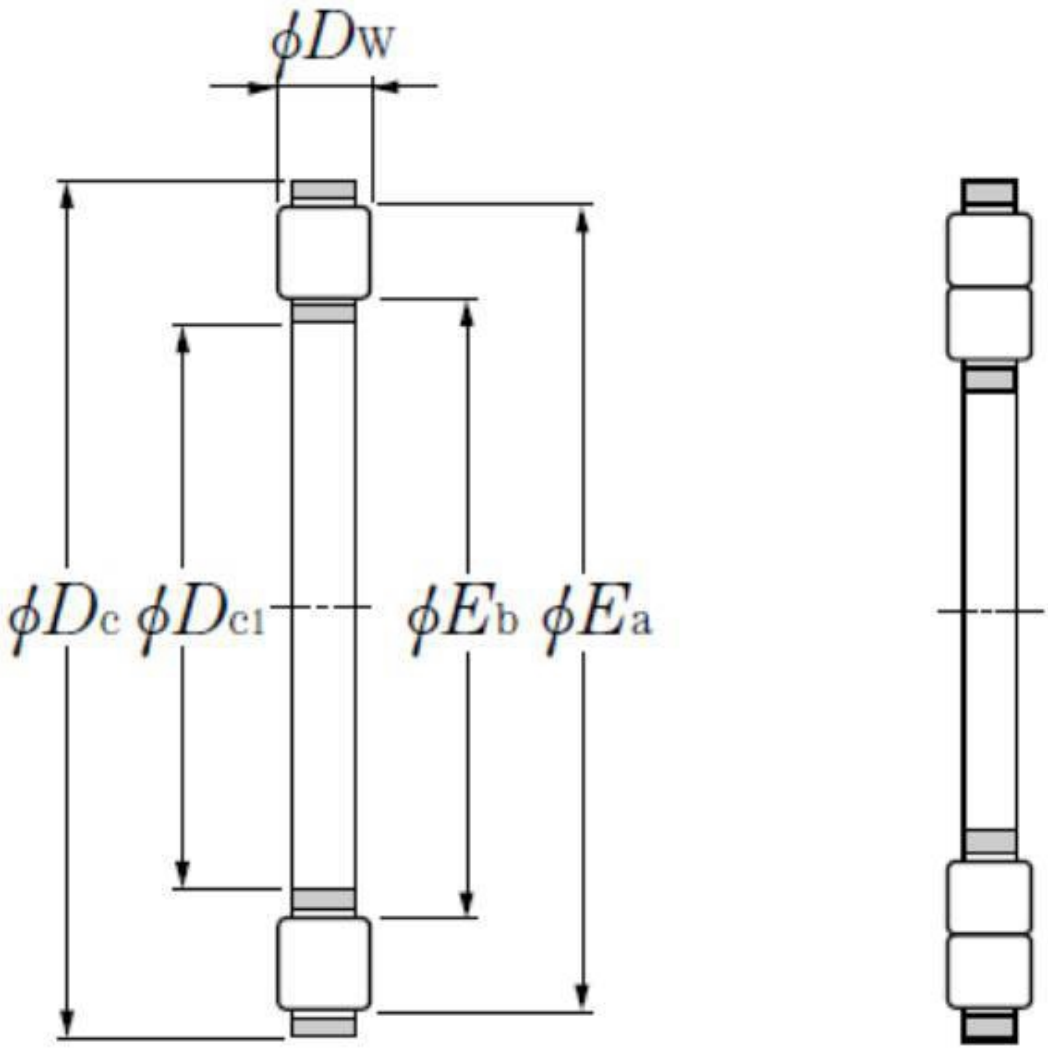
K89308

Thrust cylindrical roller bearing cages



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

Visual(s)



Product definition

Dc1	40 mm
Dc	78 mm
Dw	7 mm
Lw	7 mm
Bearing ring (inner ring) WS	WS89308
Bearing ring (outer ring) GS	GS89308
Ea	74.4 mm
Eb	46 mm
Cage assembly mass	0.1 kg
Brand	NTN

Product performance

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