Technical datasheet

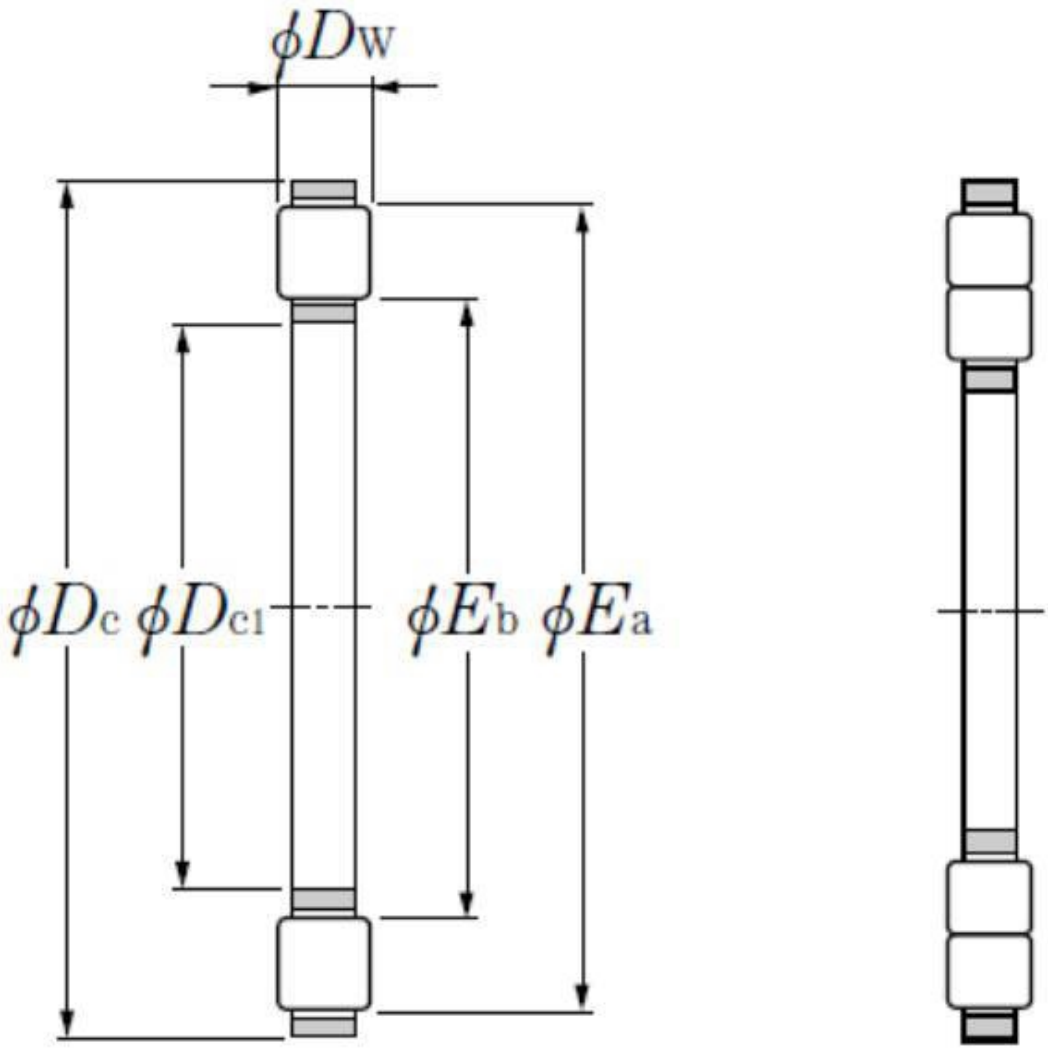
K89320

Thrust cylindrical roller bearing cages



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

Visual(s)



Product definition

Dc1	100 mm
Dc	170 mm
Dw	13 mm
Lw	13 mm
Bearing ring (inner ring) WS	WS89320
Bearing ring (outer ring) GS	GS89320
Ea	163 mm
Eb	110.6 mm
Cage assembly mass	0.81 kg
Brand	NTN

Product performance

Ca	335 kN
C0a	1,370 kN
Nlim (grease)	430 rpm
Nlim (oil)	1,700 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	10.52 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz