Technical datasheet

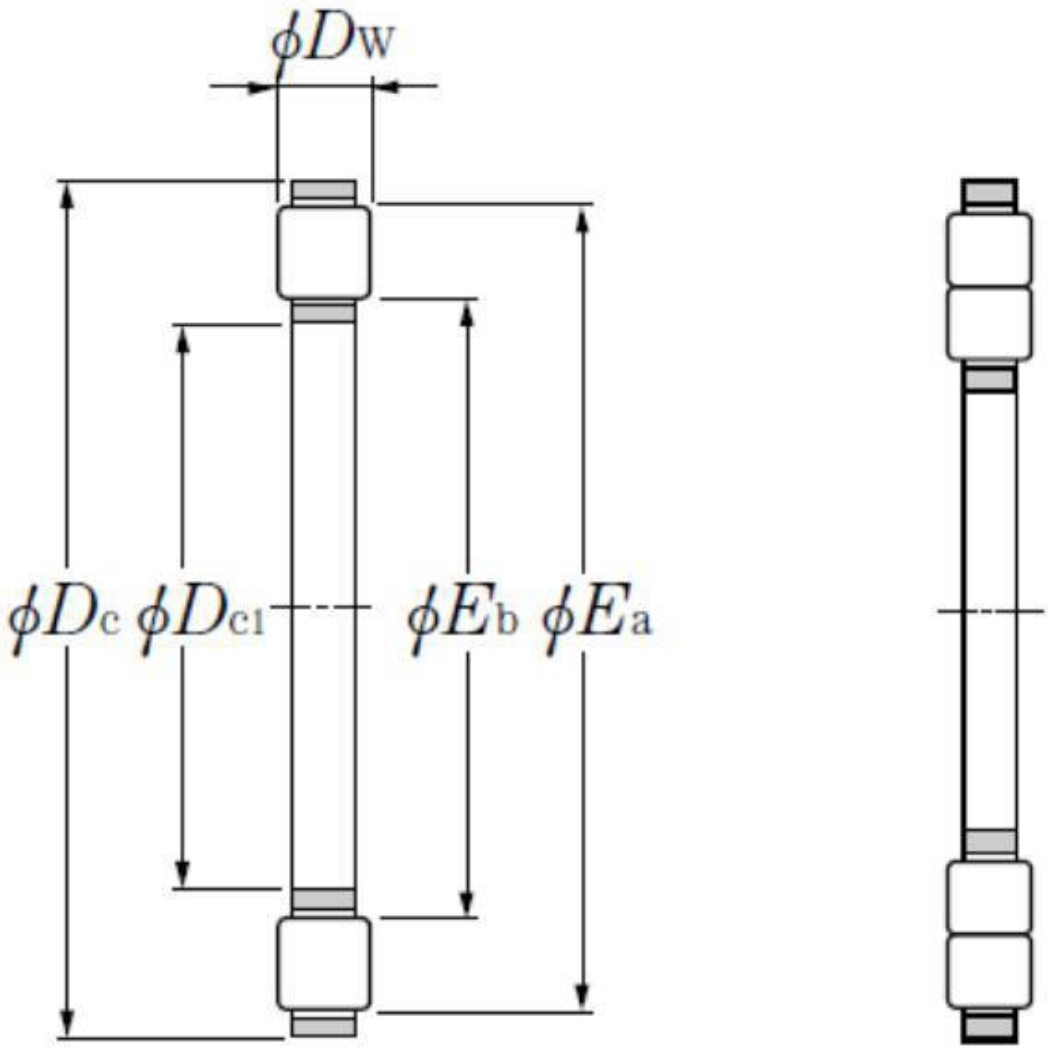
K89313

Thrust cylindrical roller bearing cages



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

Visual(s)



Product definition

Dc1	65 mm
Dc	115 mm
Dw	9 mm
Lw	9 mm
Bearing ring (inner ring) WS	WS89313
Bearing ring (outer ring) GS	GS89313
Ea	110.3 mm
Eb	73.9 mm
Cage assembly mass	0.26 kg
Brand	NTN

Product performance

Ca	166 kN
C0a	635 kN
Nlim (grease)	650 rpm
Nlim (oil)	2,600 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	10.23 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz