

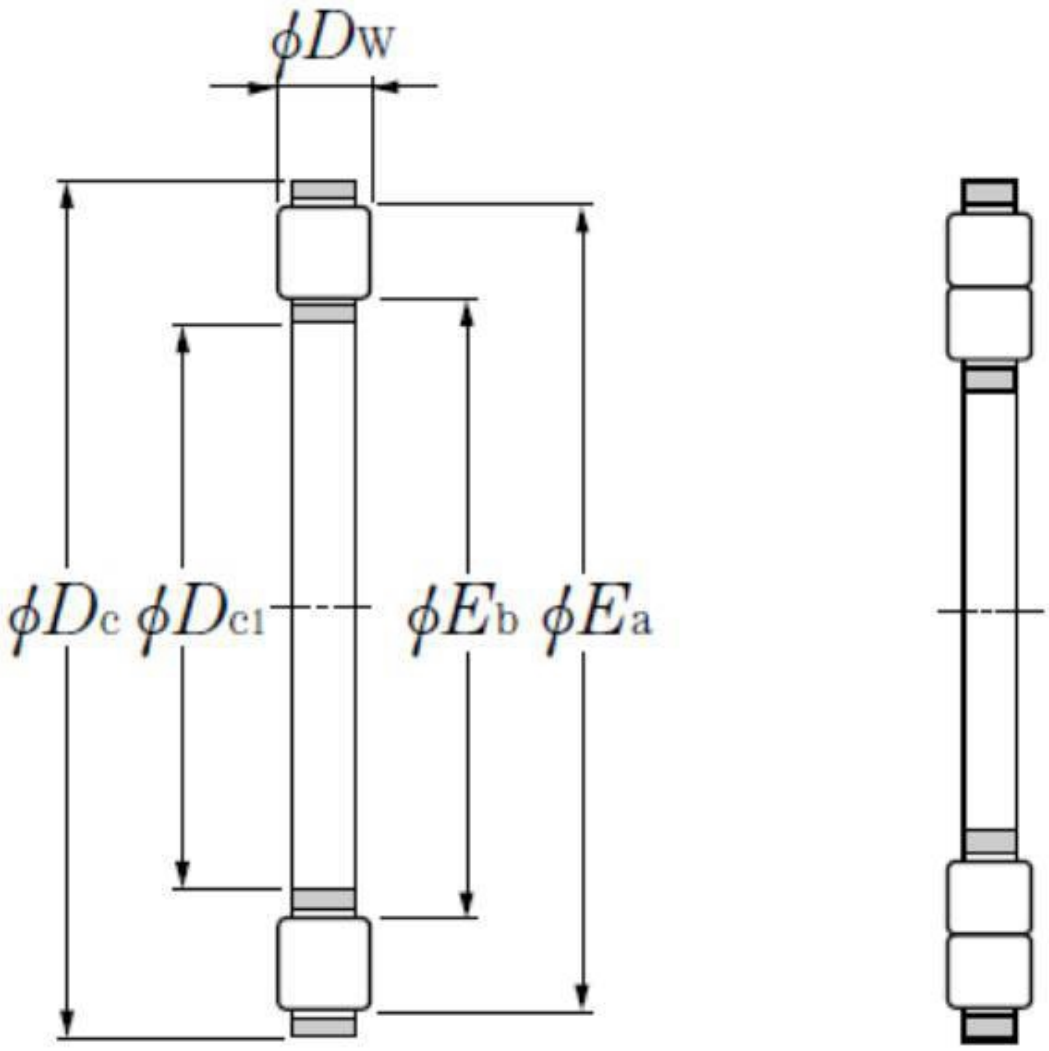
Technical data

K89318

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition

Dc1	90 mm
Dc	155 mm
Dw	12 mm
Lw	12 mm
Bearing ring (inner ring) WS	WS89318
Bearing ring (outer ring) GS	GS89318
Ea	149.2 mm
Eb	100.8 mm
Cage assembly mass	0.62 kg
Brand	NTN

Product performance

Ca	289 kN
C0a	1,160 kN
Nlim (grease)	480 Tr/min
Nlim (oil)	1,900 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	10.42 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz