



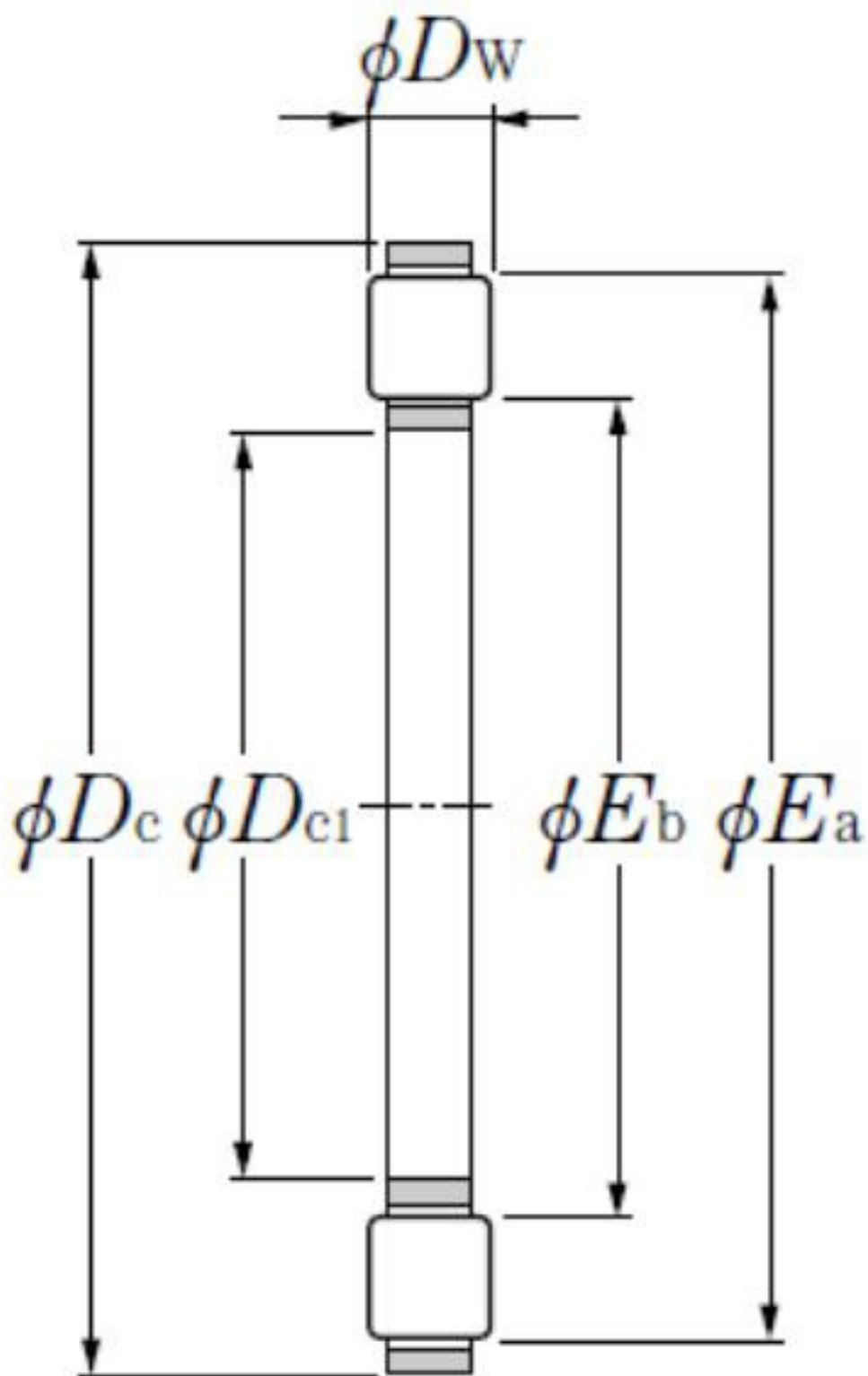
Technical datasheet

K81109T2

Thrust cylindrical roller bearing cages

Needle roller bearing, thrust cylindrical roller bearing, cage assembly, K811 series

Visual(s)



Product definition	
Dc1	45 mm
Dc	65 mm
Dw	6 mm
Lw	6 mm
Bearing ring (inner ring) WS	WS81109
Bearing ring (outer ring) GS	GS81109
Ea	61.6 mm
Eb	48.4 mm
Cage assembly mass	0.04 kg
Brand	NTN

Product performance	
Ca	45.5 kN
C0a	135 kN
Nlim (grease)	1,100 rpm
Nlim (oil)	4,400 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	9.17 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPFI	9.5 Hz