



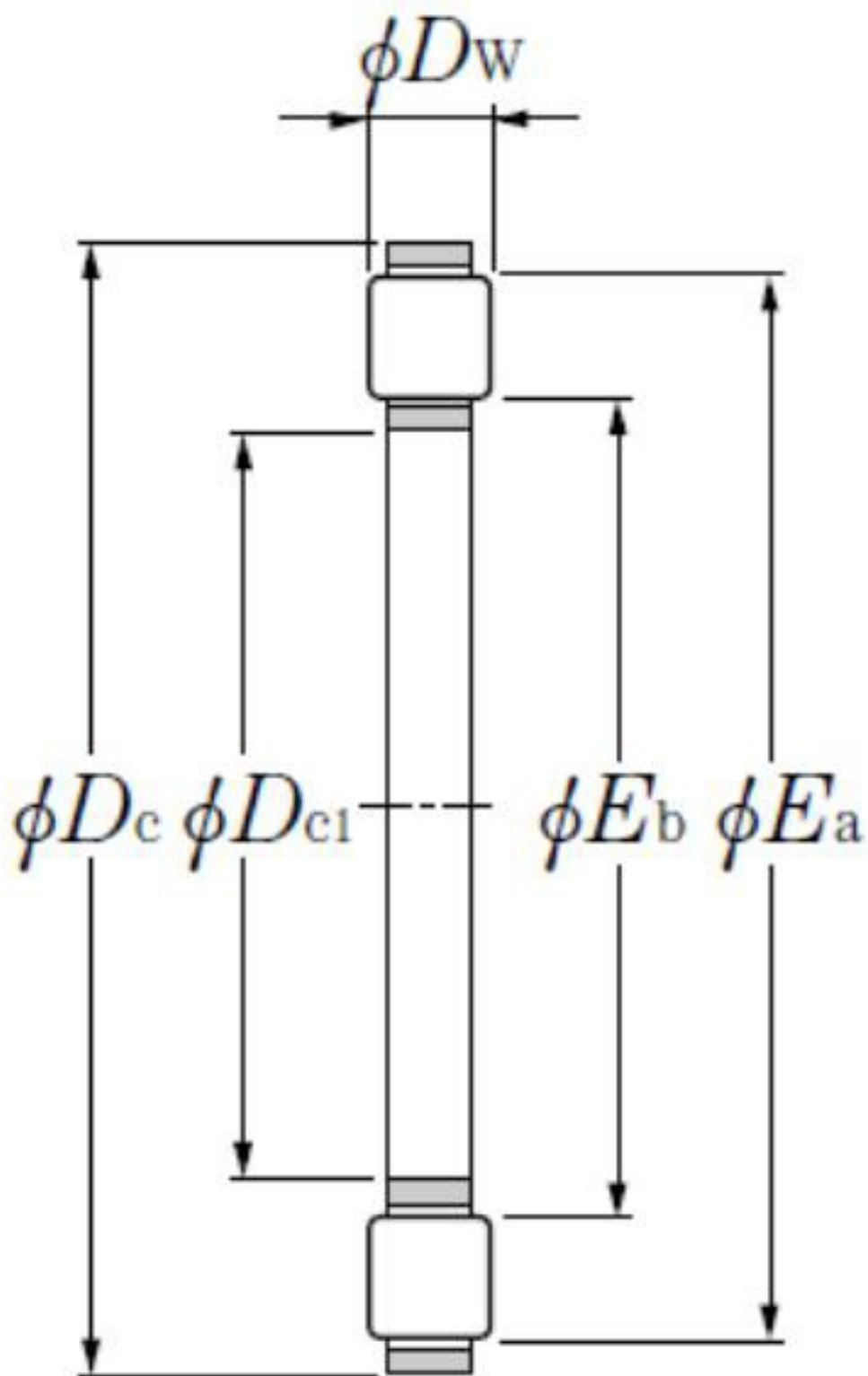
Technical datasheet

K81117T2

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition	
Dc1	85 mm
Dc	110 mm
Dw	7.5 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS81117
Bearing ring (outer ring) GS	GS81117
Ea	105.3 mm
Eb	88.7 mm
Cage assembly mass	0.12 kg
Brand	NTN

Product performance	
Ca	83 kN
C0a	300 kN
Nlim (grease)	630 rpm
Nlim (oil)	2,500 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	12.93 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BPFI	14 Hz