



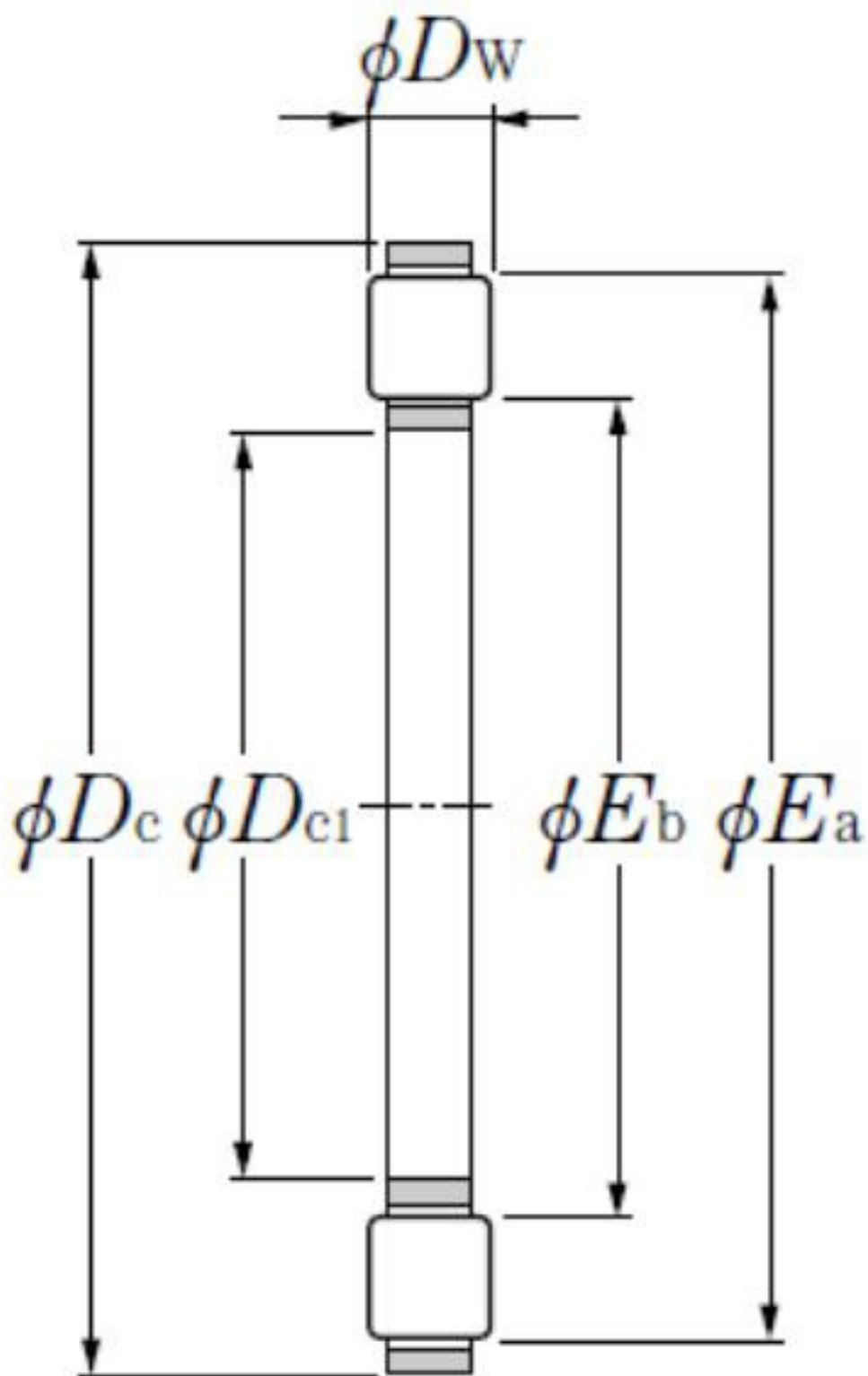
Technical datasheet

K81103T2

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition	
Dc1	17 mm
Dc	30 mm
Dw	3.5 mm
Lw	3.5 mm
Bearing ring (inner ring) WS	WS81103
Bearing ring (outer ring) GS	GS81103
Ea	27 mm
Eb	19.2 mm
Cage assembly mass	0.008 kg
Brand	NTN

Product performance	
Ca	13.4 kN
C0a	31 kN
Nlim (grease)	2,500 rpm
Nlim (oil)	10,000 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	6.6 Hz
Characteristic outer ring frequency, BPF0	6.5 Hz
Characteristic inner ring frequency, BPFI	6.5 Hz