



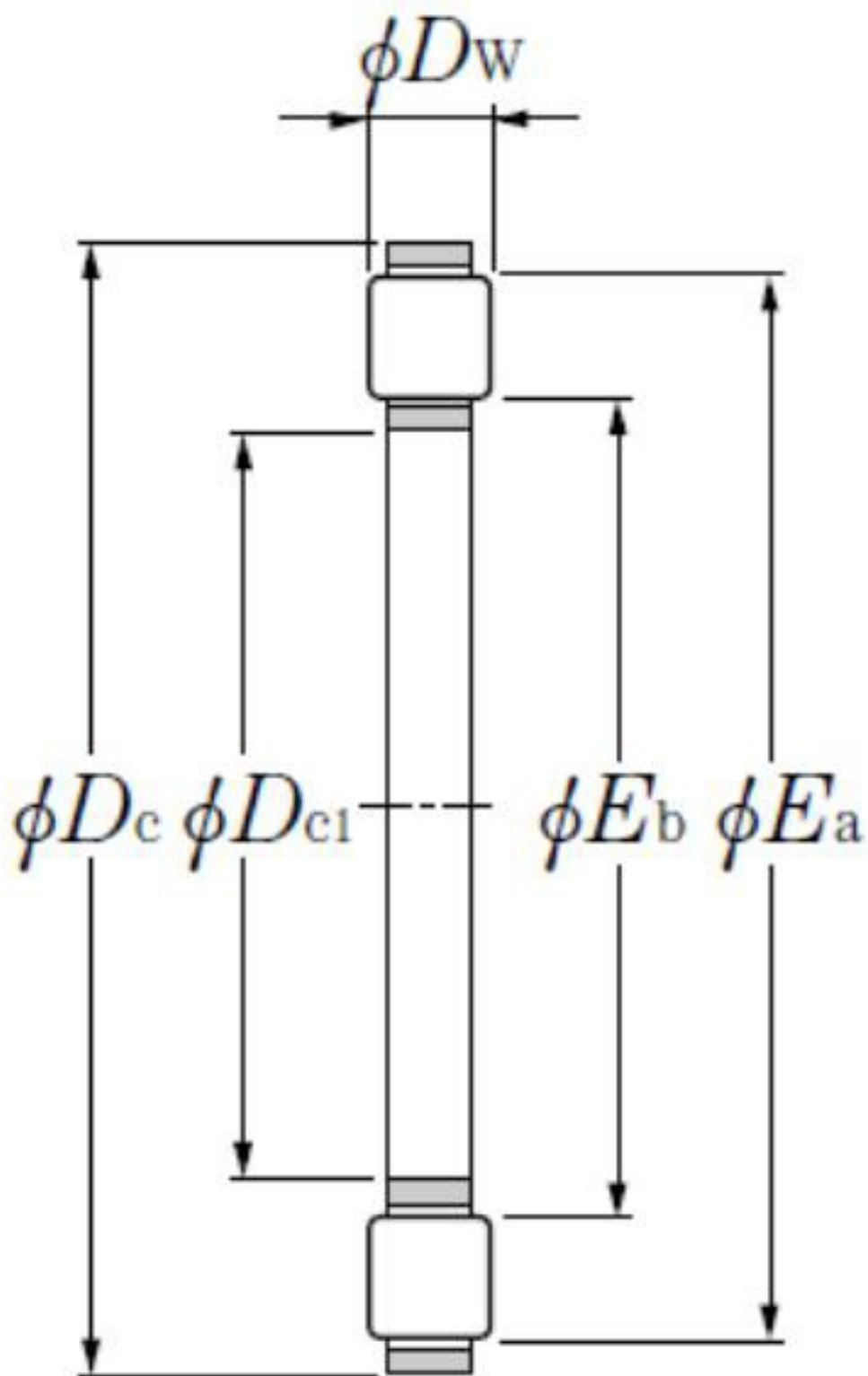
Technical datasheet

K81222

Thrust cylindrical roller bearing cages

Needle roller bearing, thrust cylindrical roller bearing, cage assembly, K812 series

Visual(s)



Product definition	
Dc1	110 mm
Dc	160 mm
Dw	15 mm
Lw	15 mm
Bearing ring (inner ring) WS	WS81222
Bearing ring (outer ring) GS	GS81222
Ea	150 mm
Eb	119.2 mm
Cage assembly mass	0.68 kg
Brand	NTN

Product performance	
Ca	259 kN
C0a	885 kN
Nlim (grease)	450 rpm
Nlim (oil)	1,800 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	8.97 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPFI	10 Hz