



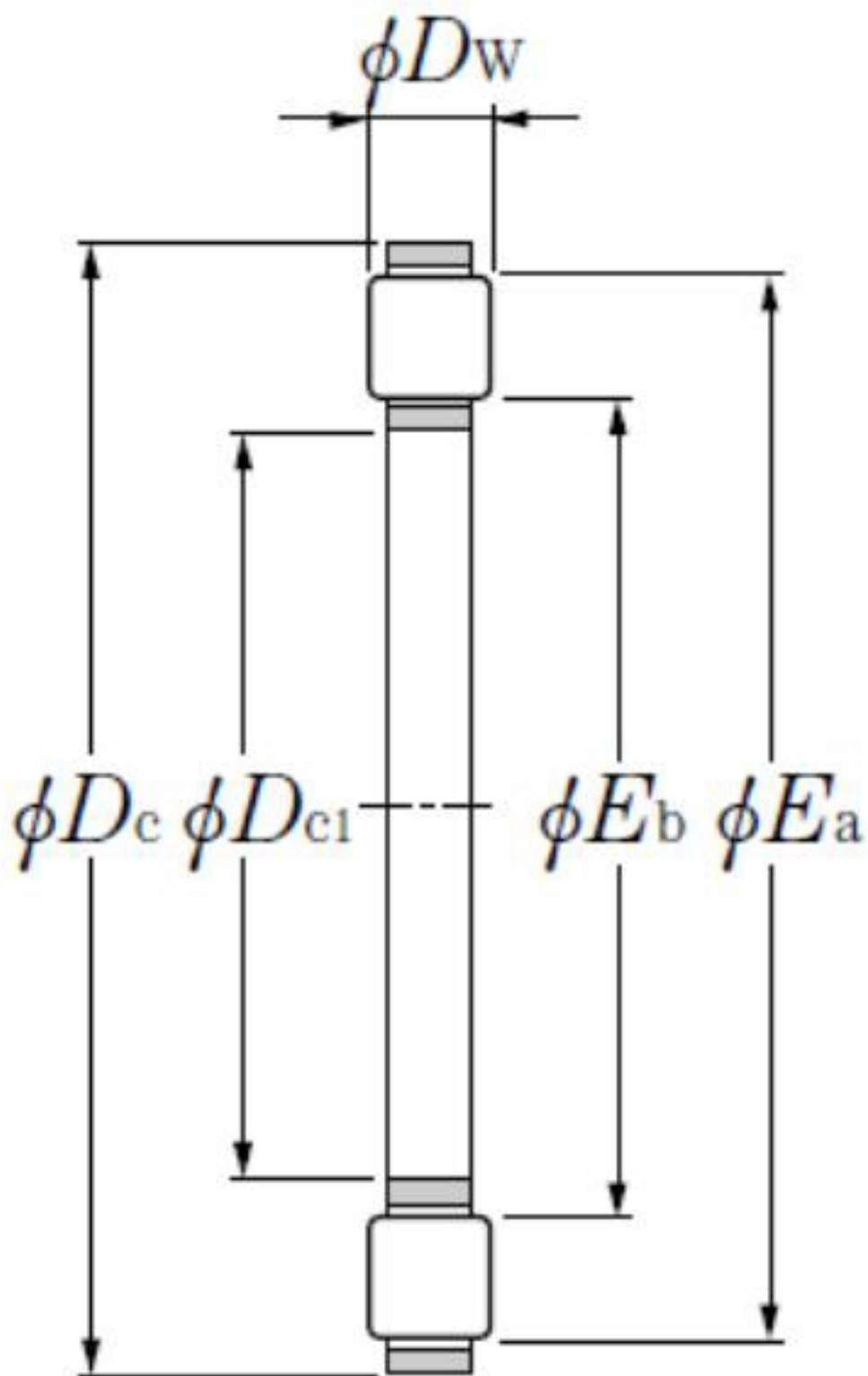
Technical datasheet

K81128

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition	
Dc1	140 mm
Dc	180 mm
Dw	12 mm
Lw	12 mm
Bearing ring (inner ring) WS	WS81128
Bearing ring (outer ring) GS	GS81128
Ea	172.5 mm
Eb	147.8 mm
Cage assembly mass	0.45 kg
Brand	NTN

Product performance	
Ca	206 kN
C0a	815 kN
Nlim (grease)	380 Tr/min
Nlim (oil)	1,500 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	13.35 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BPFI	14 Hz