



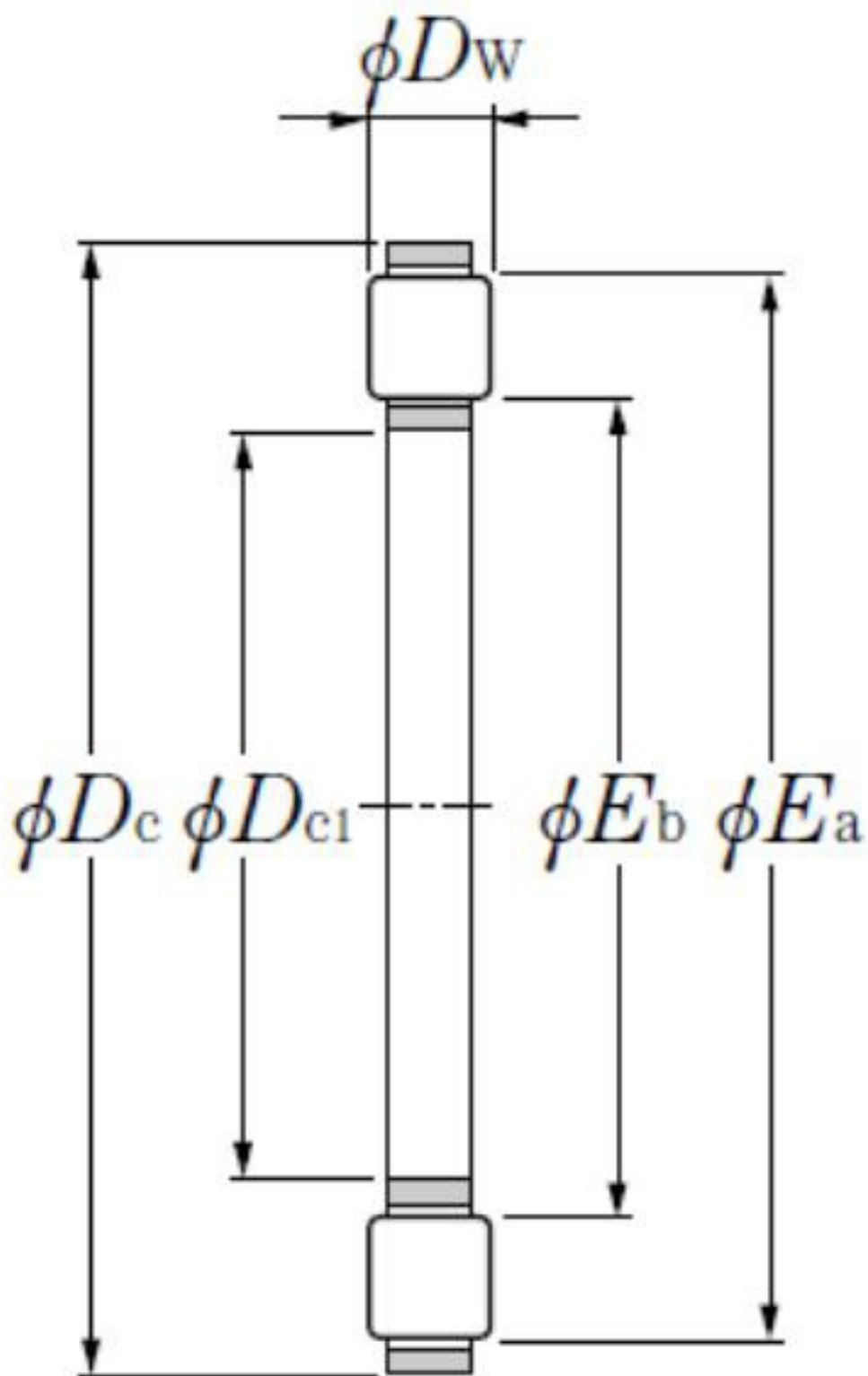
Technical datasheet

K81130

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition	
Dc1	150 mm
Dc	190 mm
Dw	12 mm
Lw	12 mm
Bearing ring (inner ring) WS	WS81130
Bearing ring (outer ring) GS	GS81130
Ea	182.4 mm
Eb	157.7 mm
Cage assembly mass	0.47 kg
Brand	NTN

Product performance	
Ca	214 kN
C0a	870 kN
Nlim (grease)	350 rpm
Nlim (oil)	1,400 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	14.17 Hz
Characteristic outer ring frequency, BPF0	15 Hz
Characteristic inner ring frequency, BPFI	15 Hz