



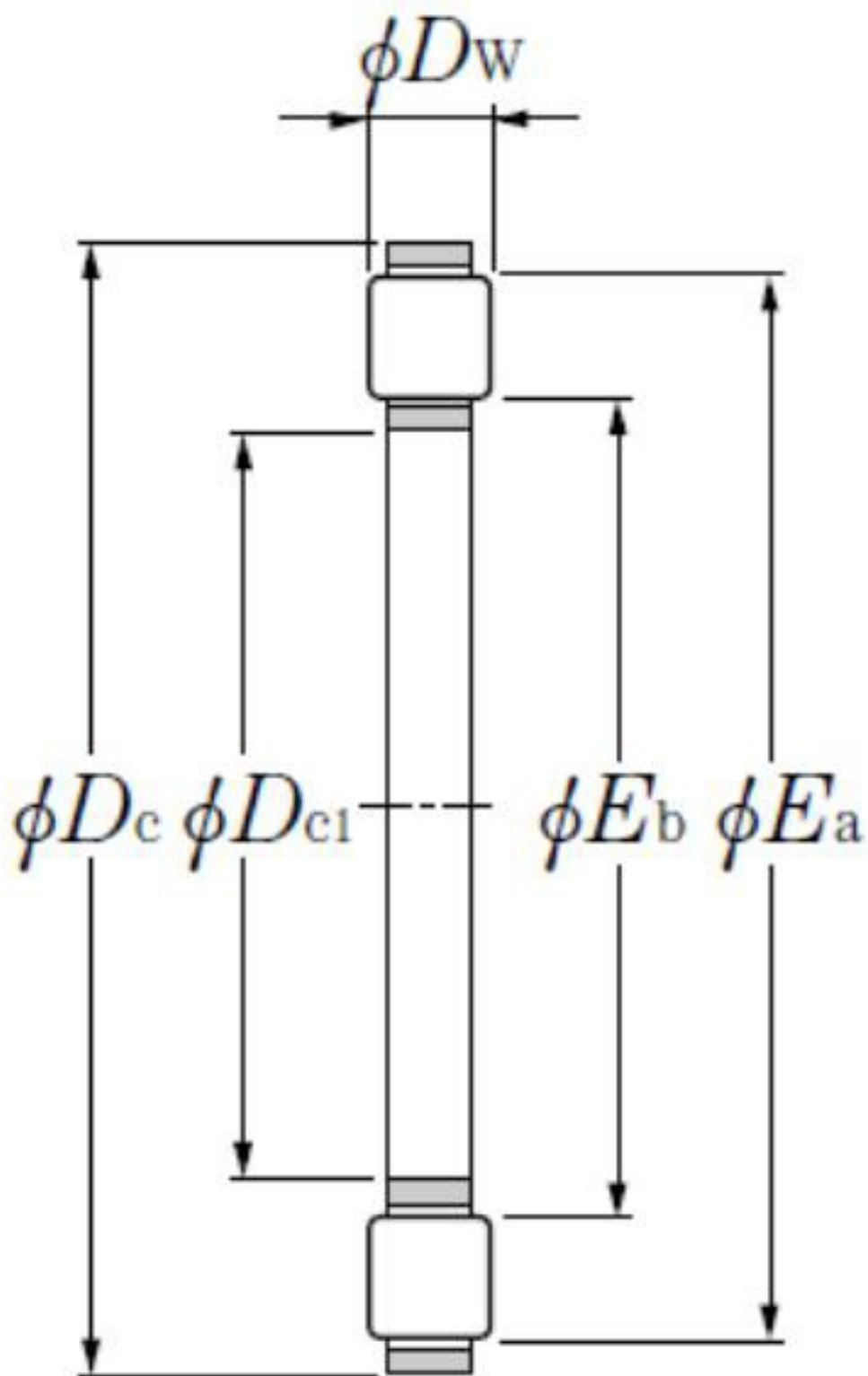
Technical datasheet

K81224

Thrust cylindrical roller bearing cages

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

Visual(s)



Product definition	
Dc1	120 mm
Dc	170 mm
Dw	15 mm
Lw	15 mm
Bearing ring (inner ring) WS	WS81224
Bearing ring (outer ring) GS	GS81224
Ea	160 mm
Eb	129.2 mm
Cage assembly mass	0.73 kg
Brand	NTN

Product performance	
Ca	264 kN
C0a	930 kN
Nlim (grease)	430 rpm
Nlim (oil)	1,700 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	9.64 Hz
Characteristic outer ring frequency, BPF0	10.5 Hz
Characteristic inner ring frequency, BPFI	10.5 Hz