Technical datasheet

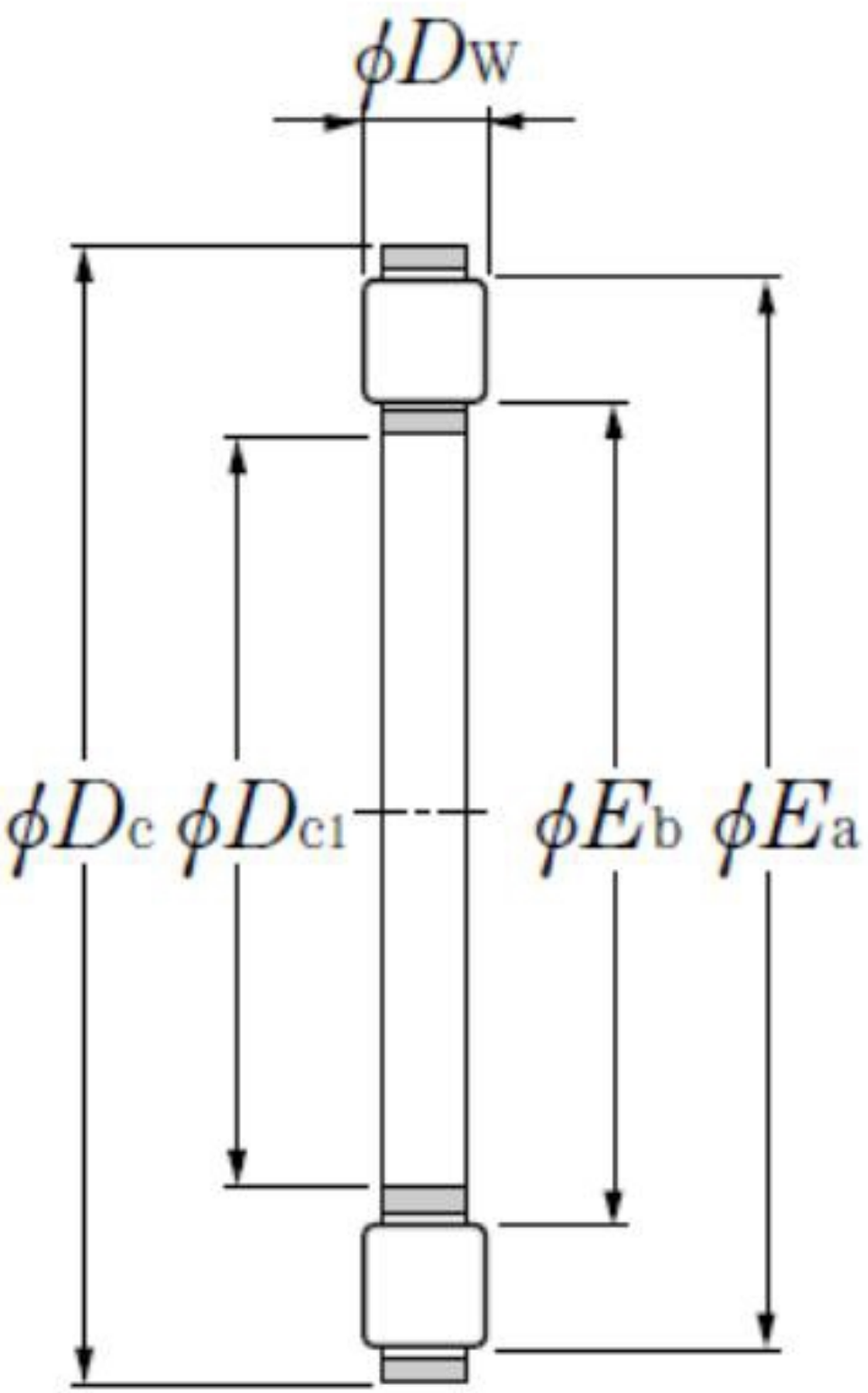
K81210T2

Thrust cylindrical roller bearing cages



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

Visual(s)


ϕDw
ϕDc
ϕDc1
ϕEb
ϕEa

Product definition

Dc1	50 mm
Dc	78 mm
Dw	9 mm
Lw	9 mm
Bearing ring (inner ring) WS	WS81210
Bearing ring (outer ring) GS	GS81210
Ea	73.1 mm
Eb	53.7 mm
Cage assembly mass	0.1 kg
Brand	NTN

Product performance

Ca	85 kN
C0a	238 kN
Nlim (grease)	950 rpm
Nlim (oil)	3,800 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	7.04 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPFI	7.5 Hz