Technical data

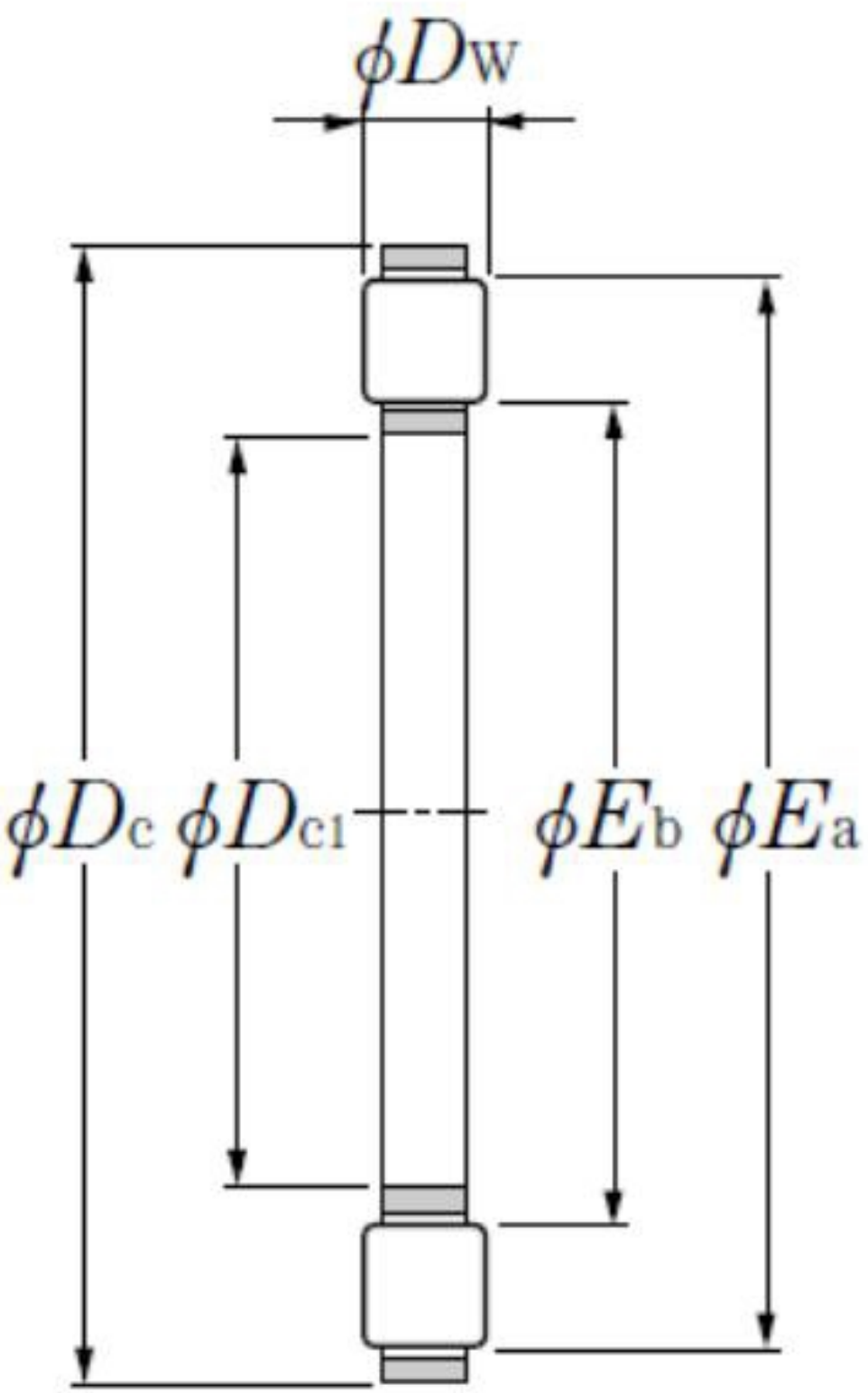
K81110T2

Thrust cylindrical roller bearing cages



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

Visual(s)


ϕDw
ϕDc
ϕDc1
ϕEb
ϕEa

Product definition

Dc1	50 mm
Dc	70 mm
Dw	6 mm
Lw	6 mm
Bearing ring (inner ring) WS	WS81110
Bearing ring (outer ring) GS	GS81110
Ea	66.4 mm
Eb	53.2 mm
Cage assembly mass	0.04 kg
Brand	NTN

Product performance

Ca	48 kN
C0a	150 kN
Nlim (grease)	1,000 Tr/min
Nlim (oil)	4,000 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	9.97 Hz
Characteristic outer ring frequency, BPF0	10.5 Hz
Characteristic inner ring frequency, BPFI	10.5 Hz