Technical data

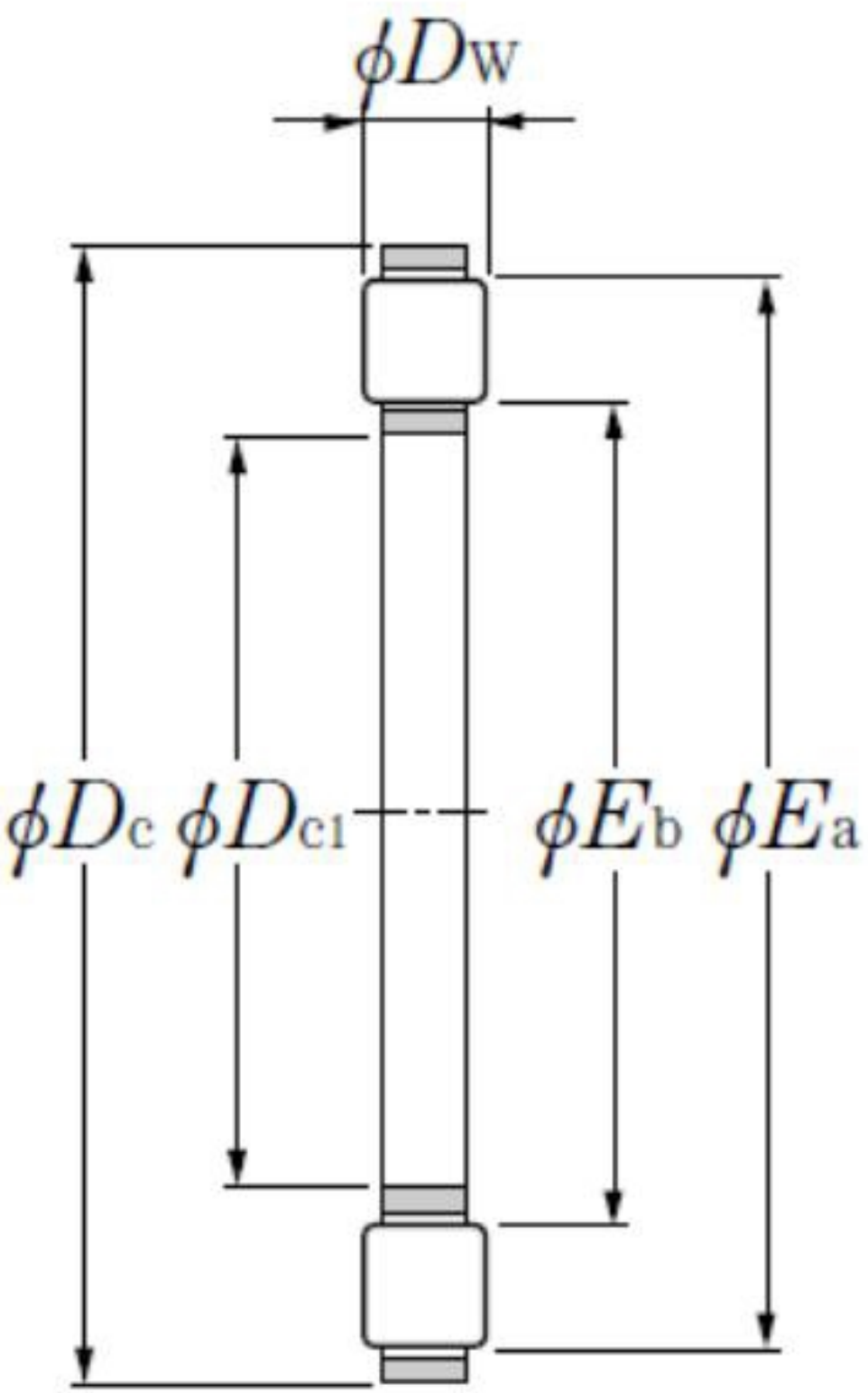
K81107T2

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	35 mm
Dc	52 mm
Dw	5 mm
Lw	5 mm
Bearing ring (inner ring) WS	WS81107
Bearing ring (outer ring) GS	GS81107
Ea	48.9 mm
Eb	38 mm
Cage assembly mass	0.02 kg
Brand	NTN

Product performance

Ca	31 kN
C0a	87 kN
Nlim (grease)	1,400 Tr/min
Nlim (oil)	5,500 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	8.69 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz