Technical data

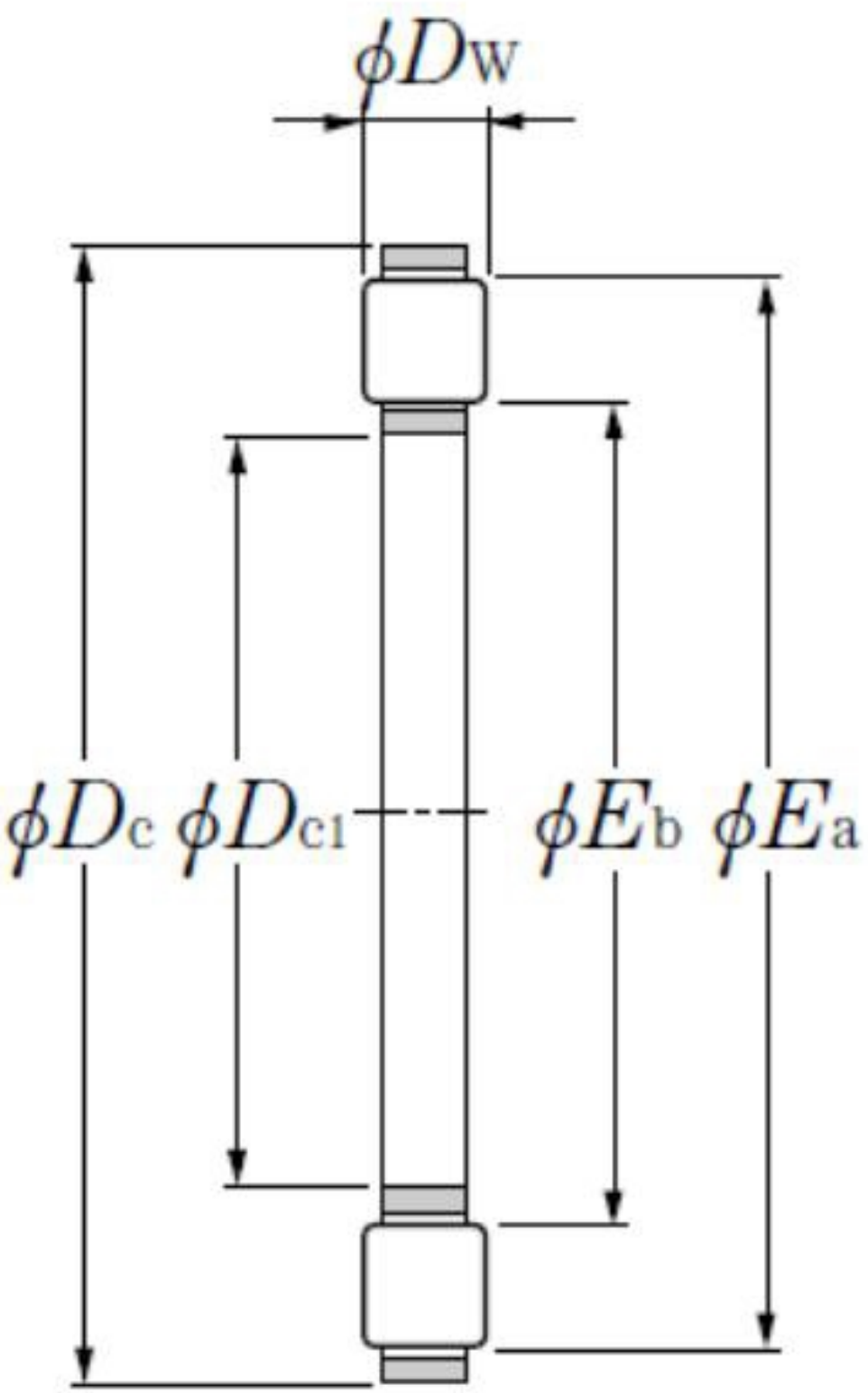
K81111T2

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	55 mm
Dc	78 mm
Dw	6 mm
Lw	6 mm
Bearing ring (inner ring) WS	WS81111
Bearing ring (outer ring) GS	GS81111
Ea	75.2 mm
Eb	57.8 mm
Cage assembly mass	0.06 kg
Brand	NTN

Product performance

Ca	62.5 kN
C0a	215 kN
Nlim (grease)	900 Tr/min
Nlim (oil)	3,600 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	11.08 Hz
Characteristic outer ring frequency, BPF0	11 Hz
Characteristic inner ring frequency, BPFI	11 Hz