Technical data

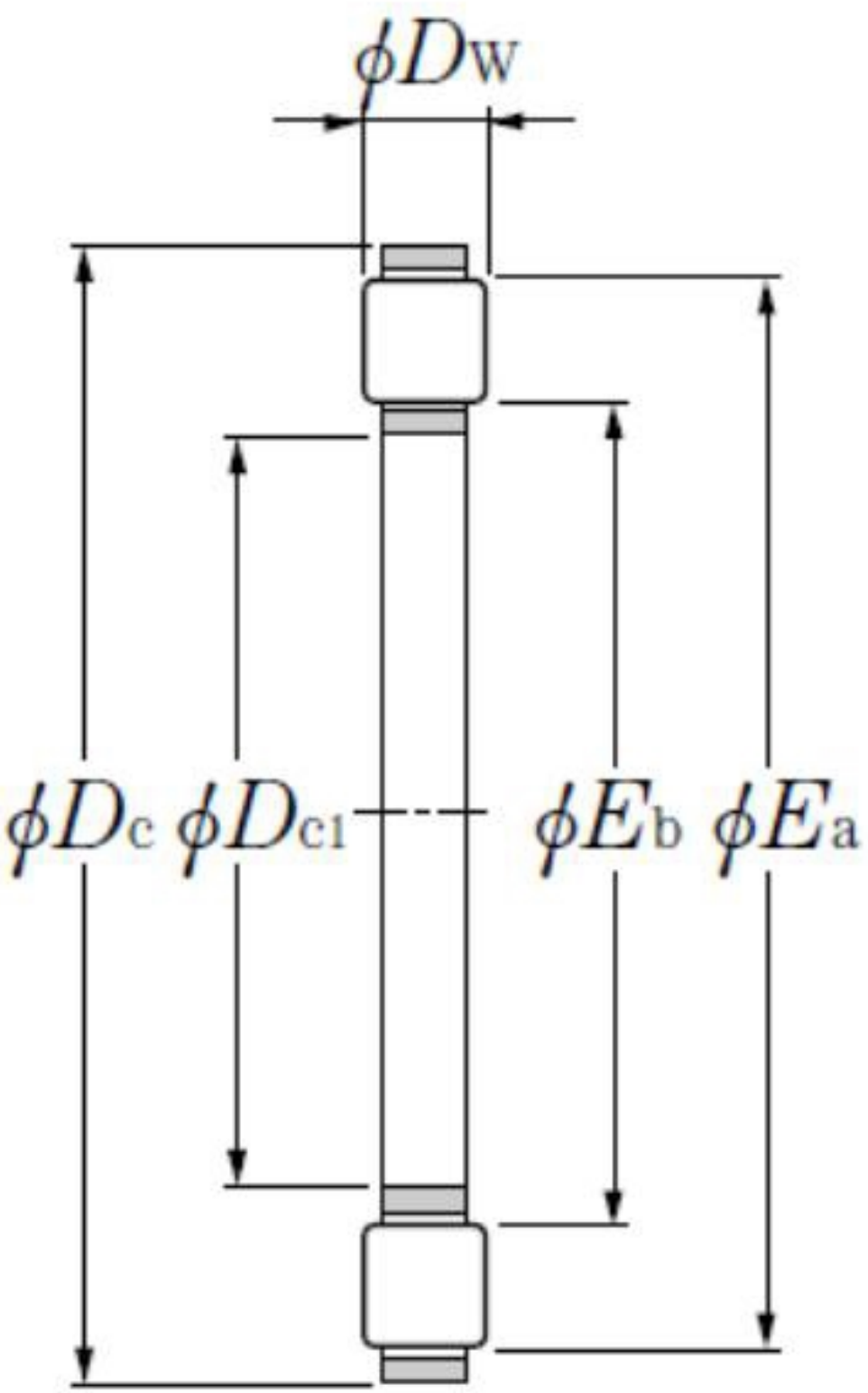
K81104T2

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	20 mm
Dc	35 mm
Dw	4.5 mm
Lw	4.5 mm
Bearing ring (inner ring) WS	WS81104
Bearing ring (outer ring) GS	GS81104
Ea	32.3 mm
Eb	22.4 mm
Cage assembly mass	0.01 kg
Brand	NTN

Product performance

Ca	20.2 kN
C0a	46.5 kN
Nlim (grease)	2,100 Tr/min
Nlim (oil)	8,500 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	6.08 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPFI	6 Hz