Technical data

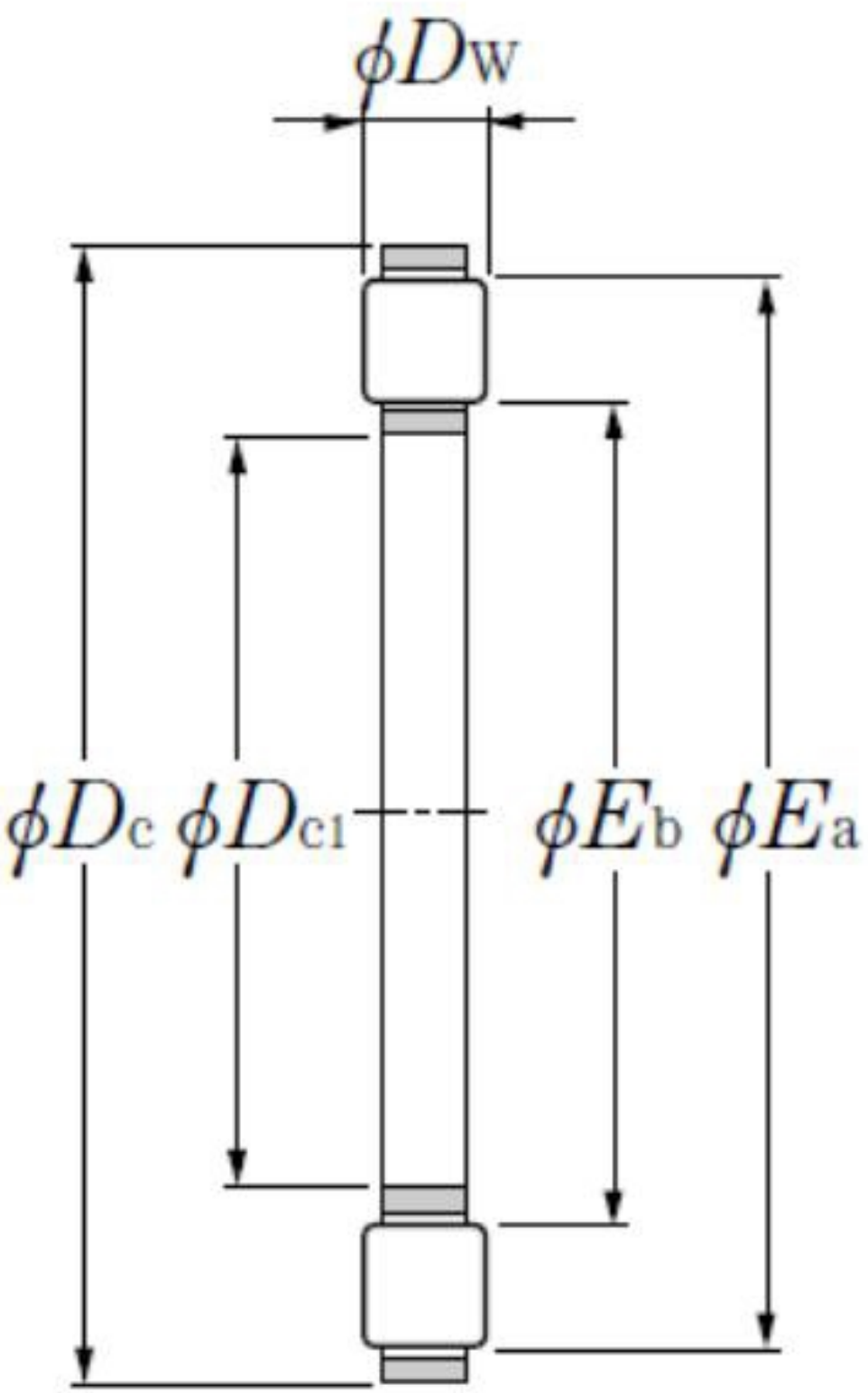
K81208T2

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	40 mm
Dc	68 mm
Dw	9 mm
Lw	9 mm
Bearing ring (inner ring) WS	WS81208
Bearing ring (outer ring) GS	GS81208
Ea	62.9 mm
Eb	43.7 mm
Cage assembly mass	0.08 kg
Brand	NTN

Product performance

Ca	74.5 kN
C0a	190 kN
Nlim (grease)	1,100 Tr/min
Nlim (oil)	4,400 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	5.92 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPFI	6 Hz