Technical data

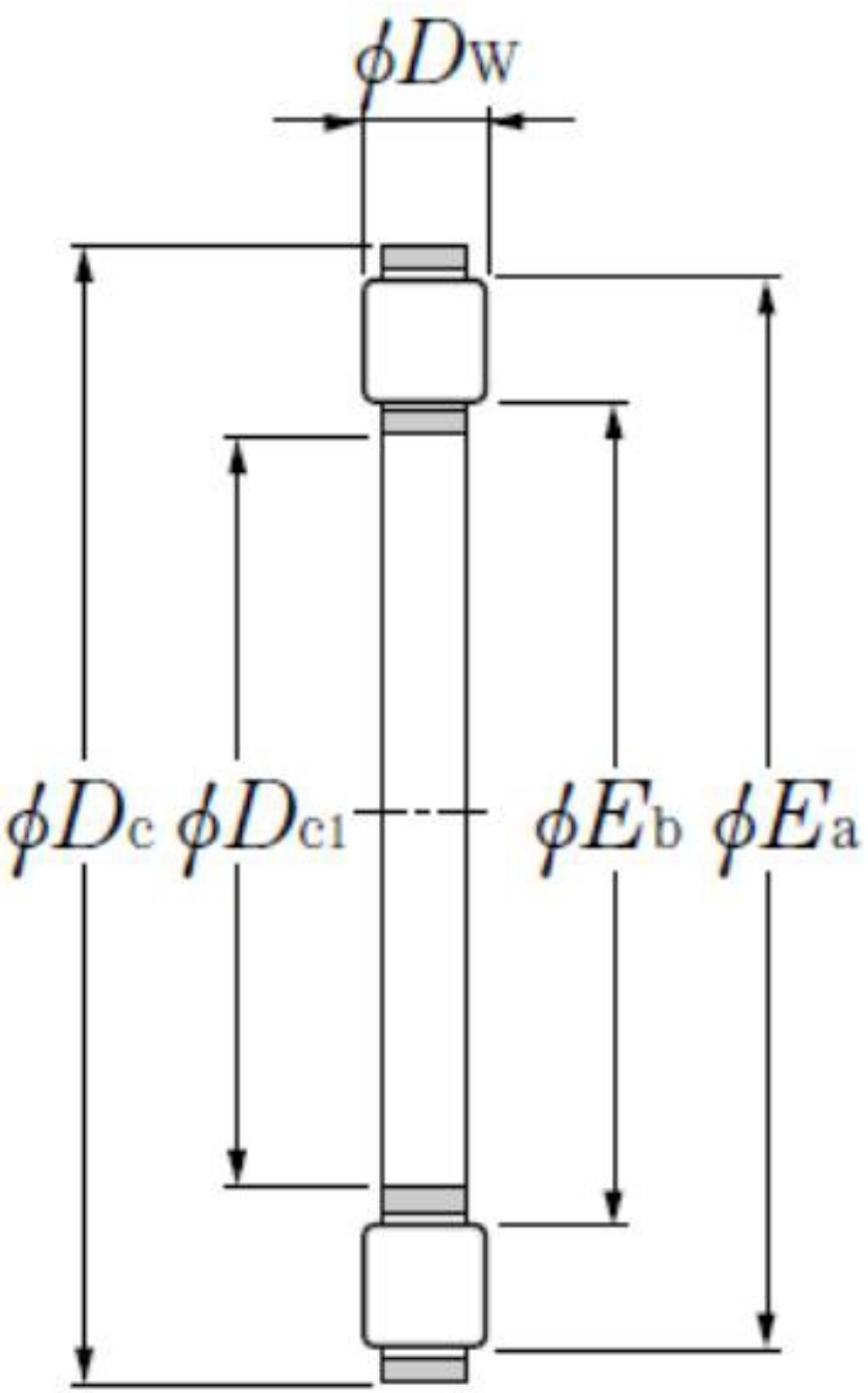
K81214T2

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	70 mm
Dc	105 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81214
Bearing ring (outer ring) GS	GS81214
Ea	98.4 mm
Eb	75 mm
Cage assembly mass	0.22 kg
Brand	NTN

Product performance

Ca	134 kN
C0a	410 kN
Nlim (grease)	680 Tr/min
Nlim (oil)	2,700 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	7.88 Hz
Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPFI	8.5 Hz