Technical data

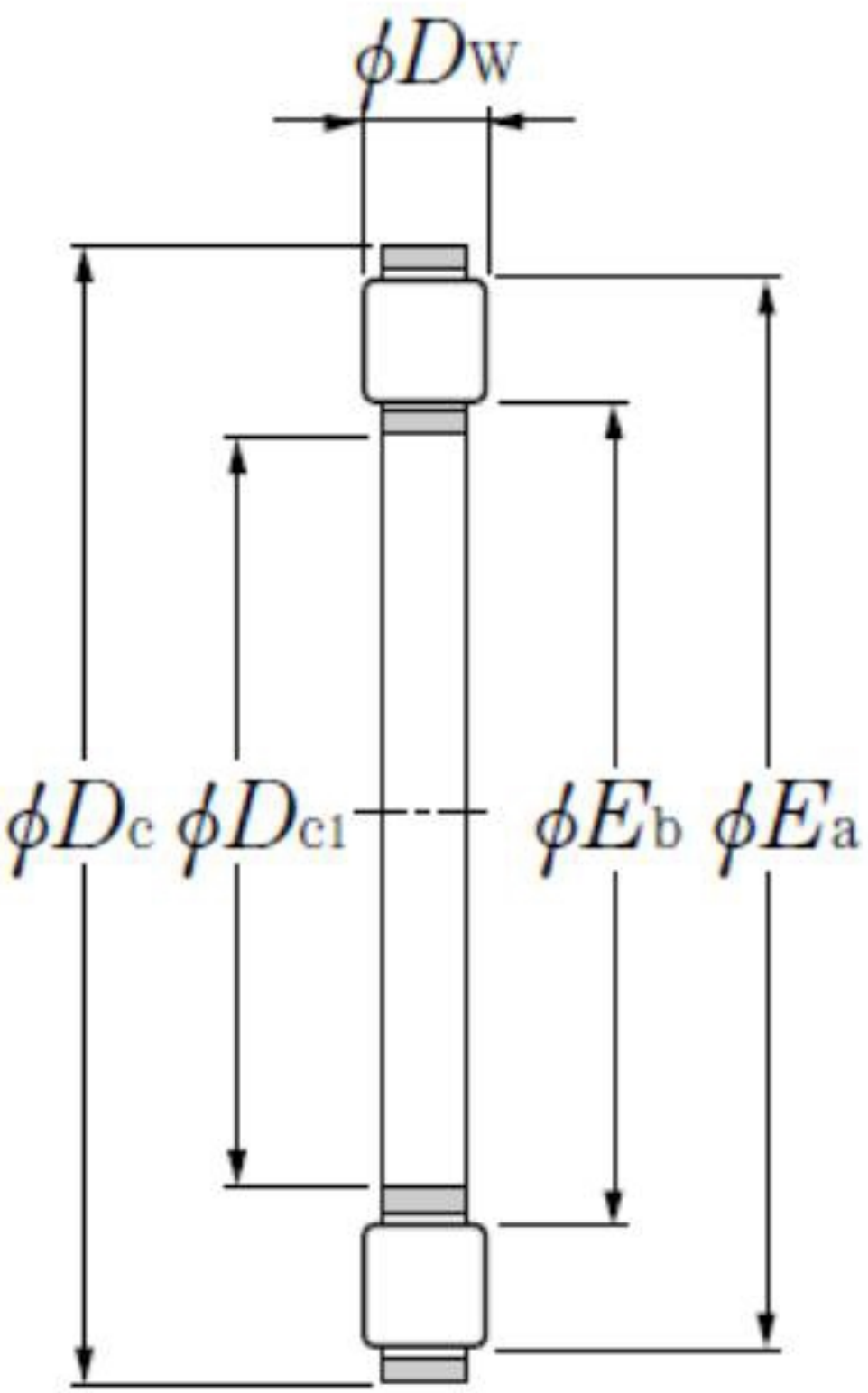
K81211T2

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	55 mm
Dc	90 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81211
Bearing ring (outer ring) GS	GS81211
Ea	83.4 mm
Eb	60.1 mm
Cage assembly mass	0.19 kg
Brand	NTN

Product performance

Ca	121 kN
C0a	340 kN
Nlim (grease)	830 Tr/min
Nlim (oil)	3,300 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	6.52 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz