Technical data

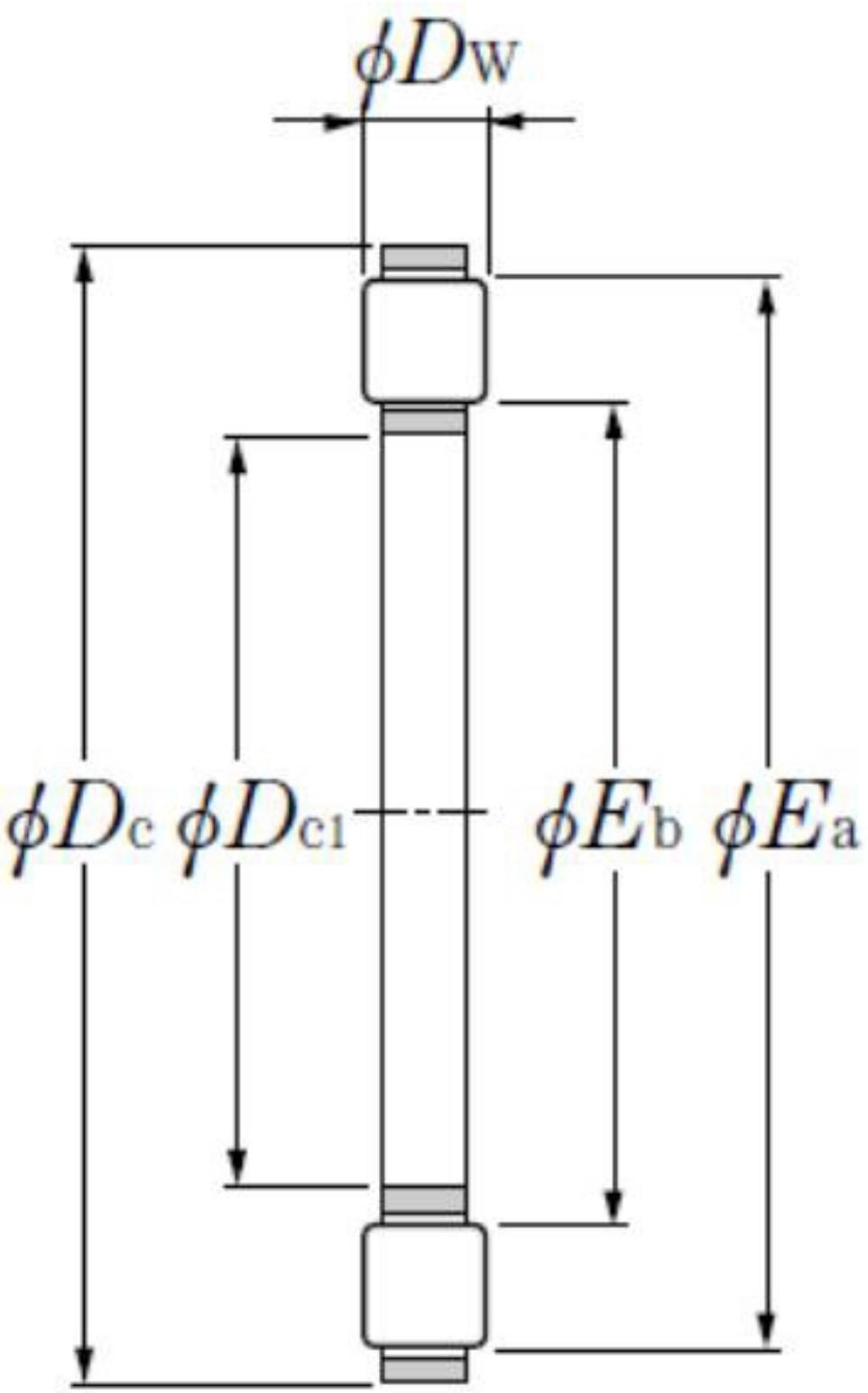
K81212T2

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	60 mm
Dc	95 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81212
Bearing ring (outer ring) GS	GS81212
Ea	88.4 mm
Eb	64.9 mm
Cage assembly mass	0.2 kg
Brand	NTN

Product performance

Ca	125 kN
C0a	365 kN
Nlim (grease)	780 Tr/min
Nlim (oil)	3,100 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	6.97 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPFI	7.5 Hz