Technical data

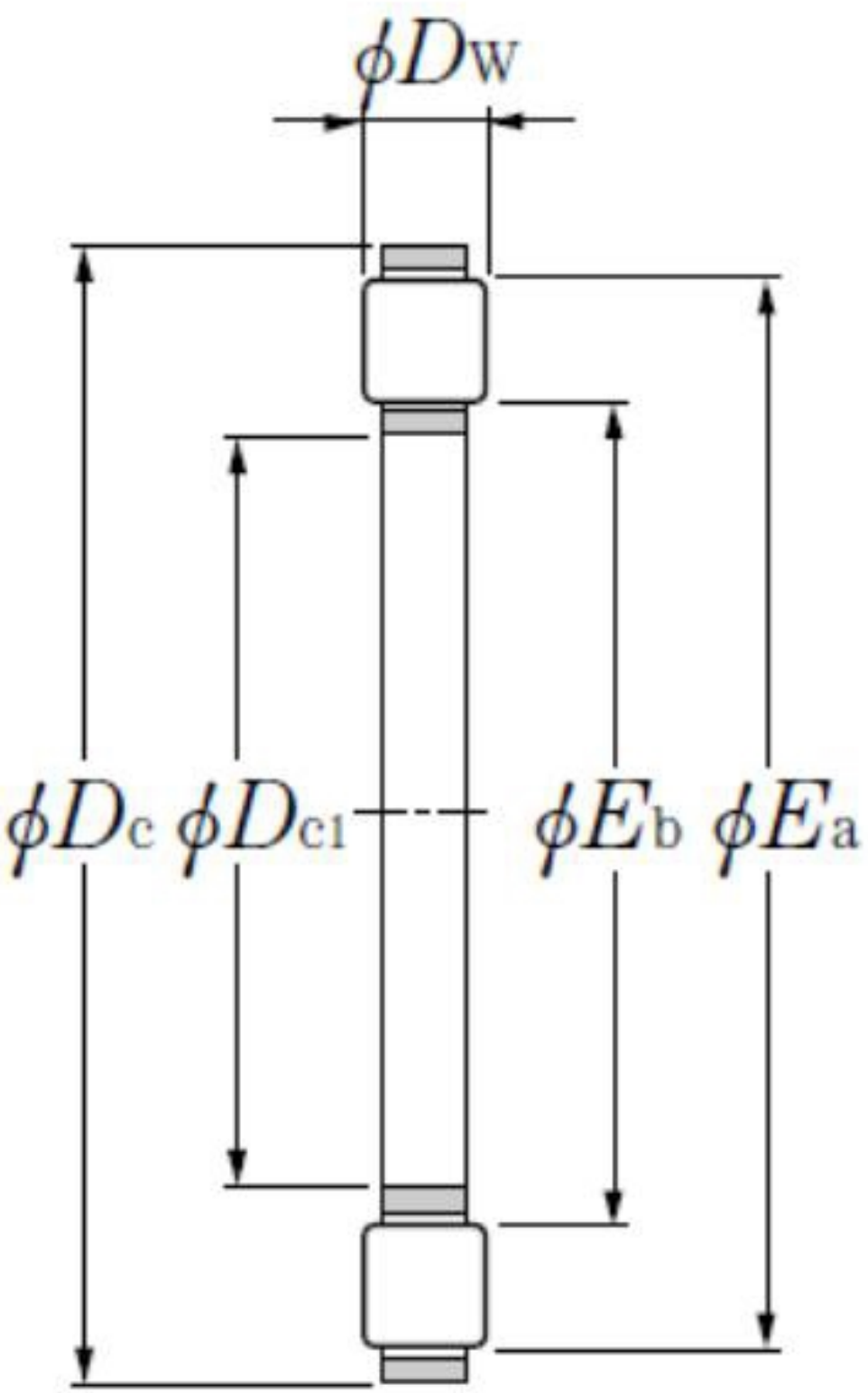
K81114T2

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	70 mm
Dc	95 mm
Dw	7.5 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS81114
Bearing ring (outer ring) GS	GS81114
Ea	90.1 mm
Eb	73.7 mm
Cage assembly mass	0.1 kg
Brand	NTN

Product performance

Ca	76.5 kN
C0a	257 kN
Nlim (grease)	730 Tr/min
Nlim (oil)	2,900 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	10.92 Hz
Characteristic outer ring frequency, BPF0	12 Hz
Characteristic inner ring frequency, BPFI	12 Hz