Technical data

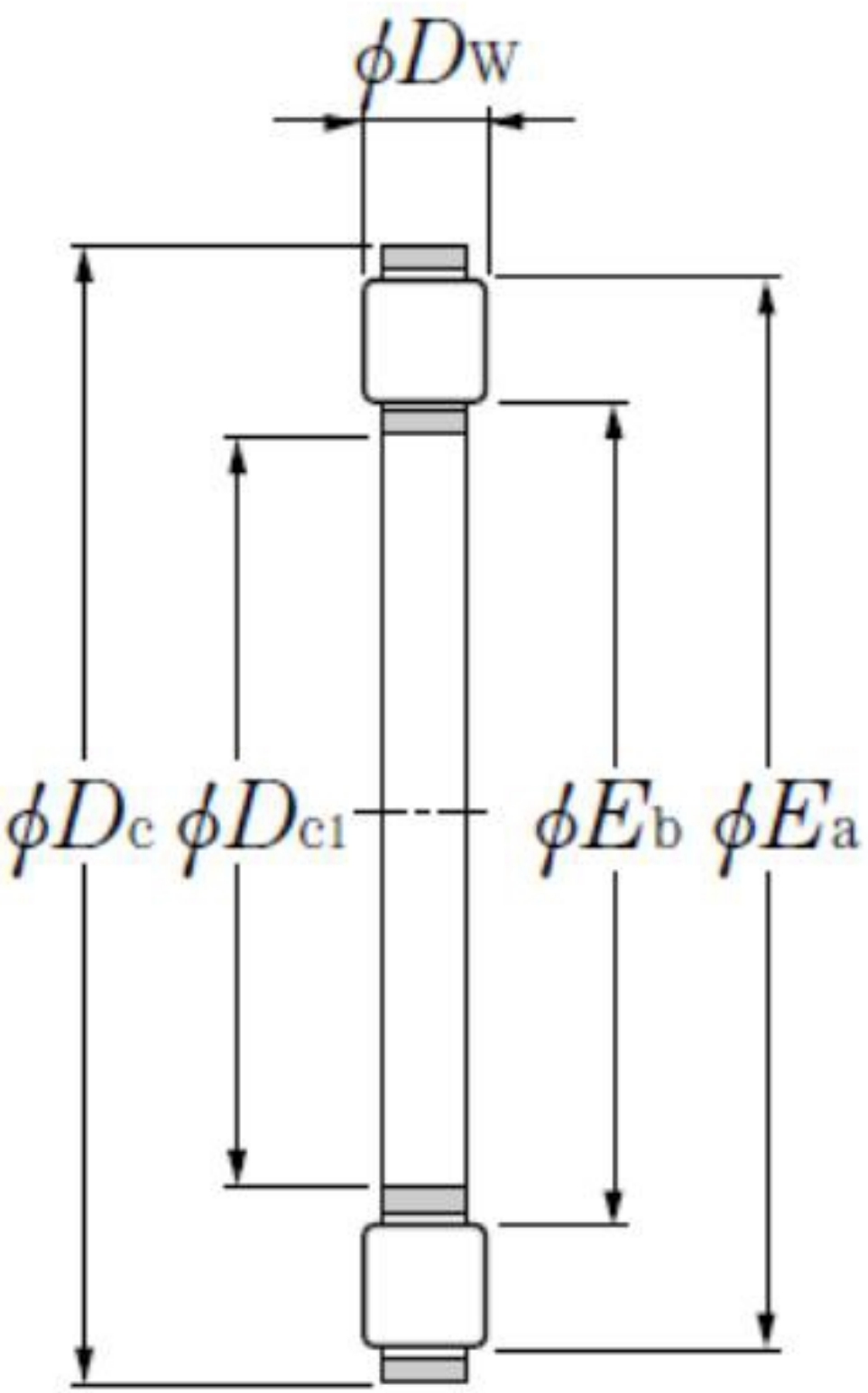
K81115T2

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	75 mm
Dc	100 mm
Dw	7.5 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS81115
Bearing ring (outer ring) GS	GS81115
Ea	95.1 mm
Eb	78.7 mm
Cage assembly mass	0.12 kg
Brand	NTN

Product performance

Ca	78 kN
C0a	268 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	11.59 Hz
Characteristic outer ring frequency, BPF0	12.5 Hz
Characteristic inner ring frequency, BPFI	12.5 Hz