Technical data

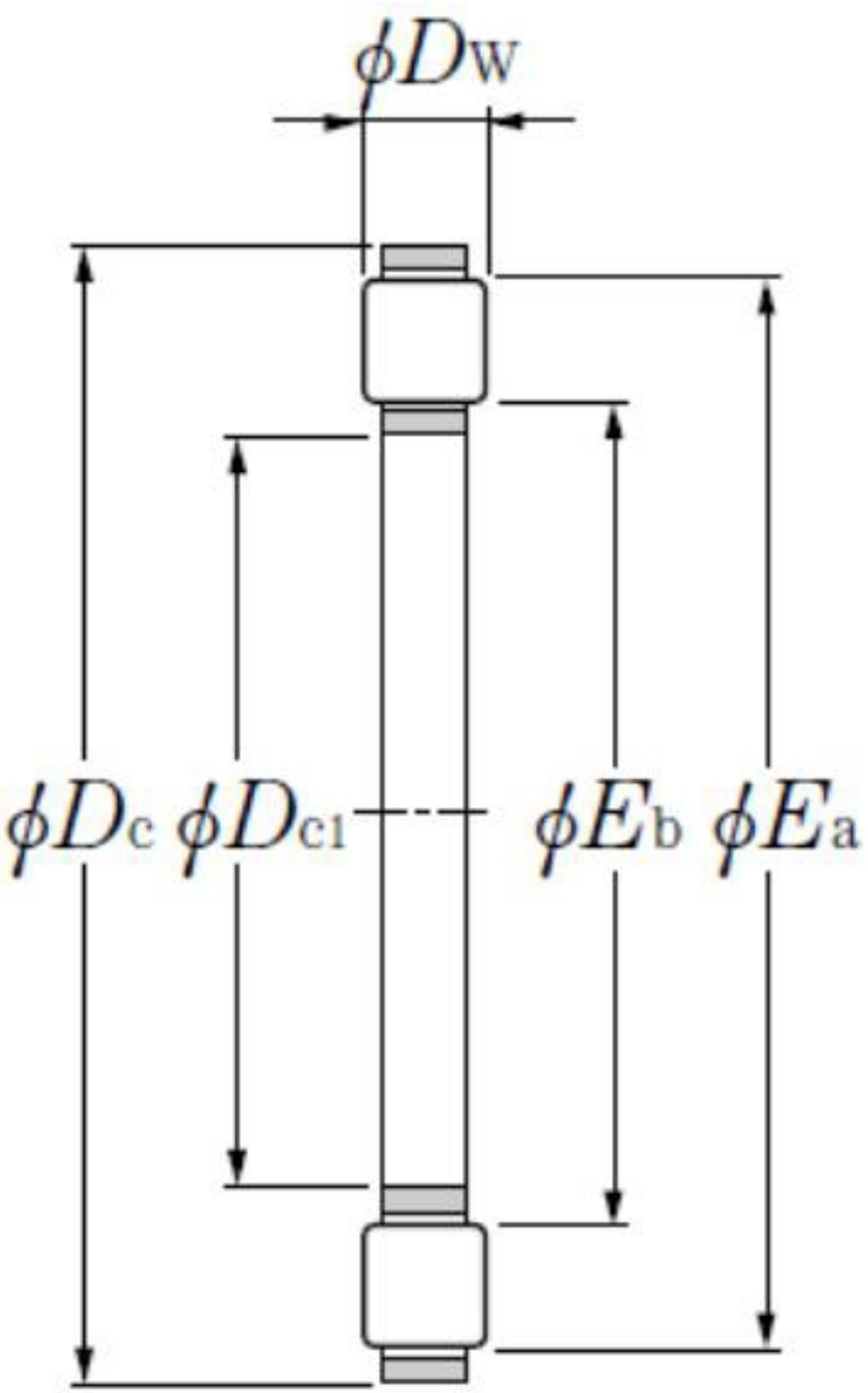
K81120T2

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	100 mm
Dc	135 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81120
Bearing ring (outer ring) GS	GS81120
Ea	128.7 mm
Eb	105.1 mm
Cage assembly mass	0.3 kg
Brand	NTN

Product performance

Ca	158 kN
C0a	555 kN
Nlim (grease)	500 Tr/min
Nlim (oil)	2,000 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	10.63 Hz
Characteristic outer ring frequency, BPF0	11.5 Hz
Characteristic inner ring frequency, BPFI	11.5 Hz