



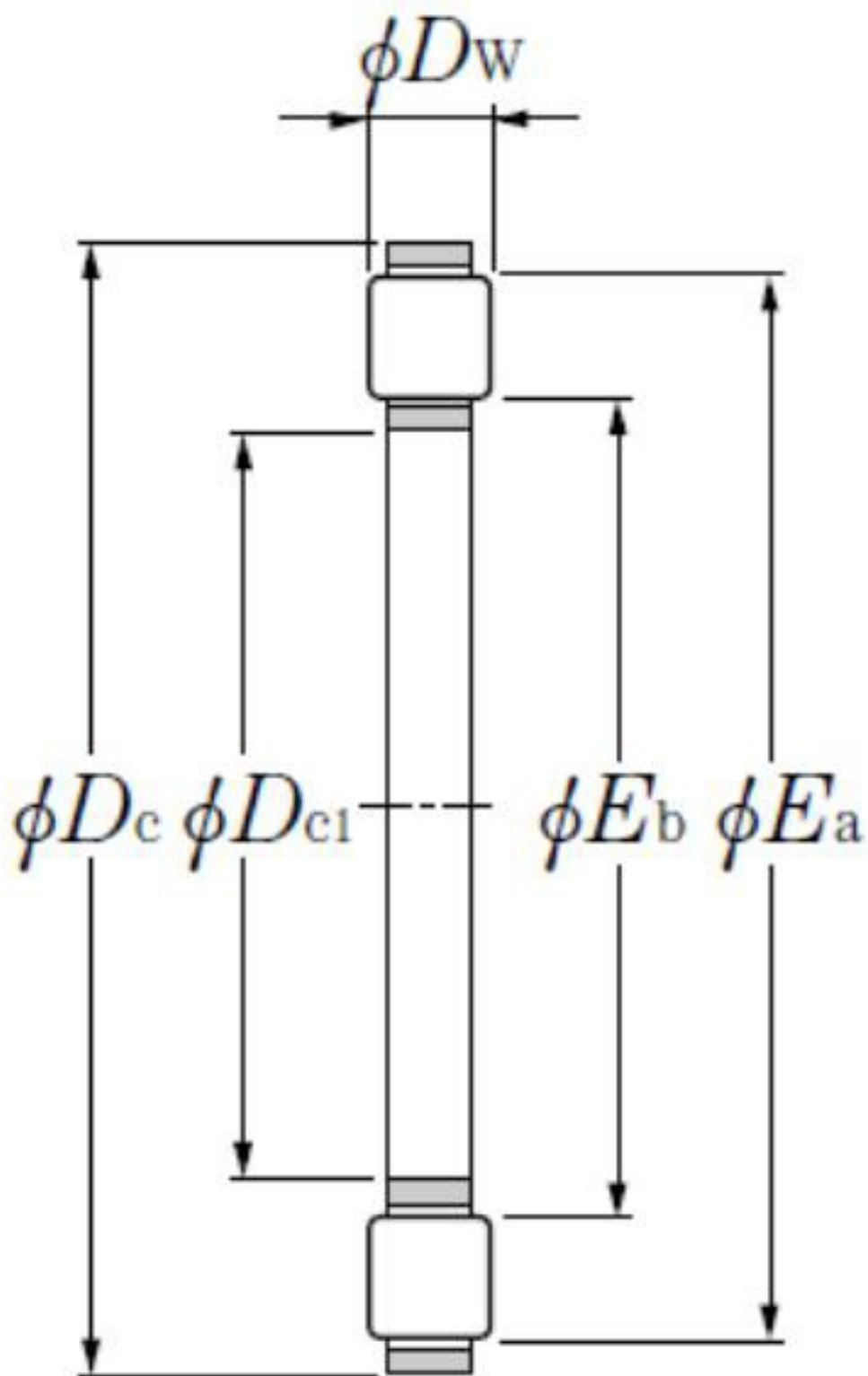
Technical datasheet

K81116T2

Thrust cylindrical roller bearing cages

Needle roller bearing, thrust cylindrical roller bearing, cage assembly, K811 series

Visual(s)



Product definition	
Dc1	80 mm
Dc	105 mm
Dw	7.5 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS81116
Bearing ring (outer ring) GS	GS81116
Ea	100.1 mm
Eb	83.7 mm
Cage assembly mass	0.12 kg
Brand	NTN

Product performance	
Ca	79.5 kN
C0a	279 kN
Nlim (grease)	650 rpm
Nlim (oil)	2,600 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	12.25 Hz
Characteristic outer ring frequency, BPF0	13 Hz
Characteristic inner ring frequency, BPFI	13 Hz