Technical data

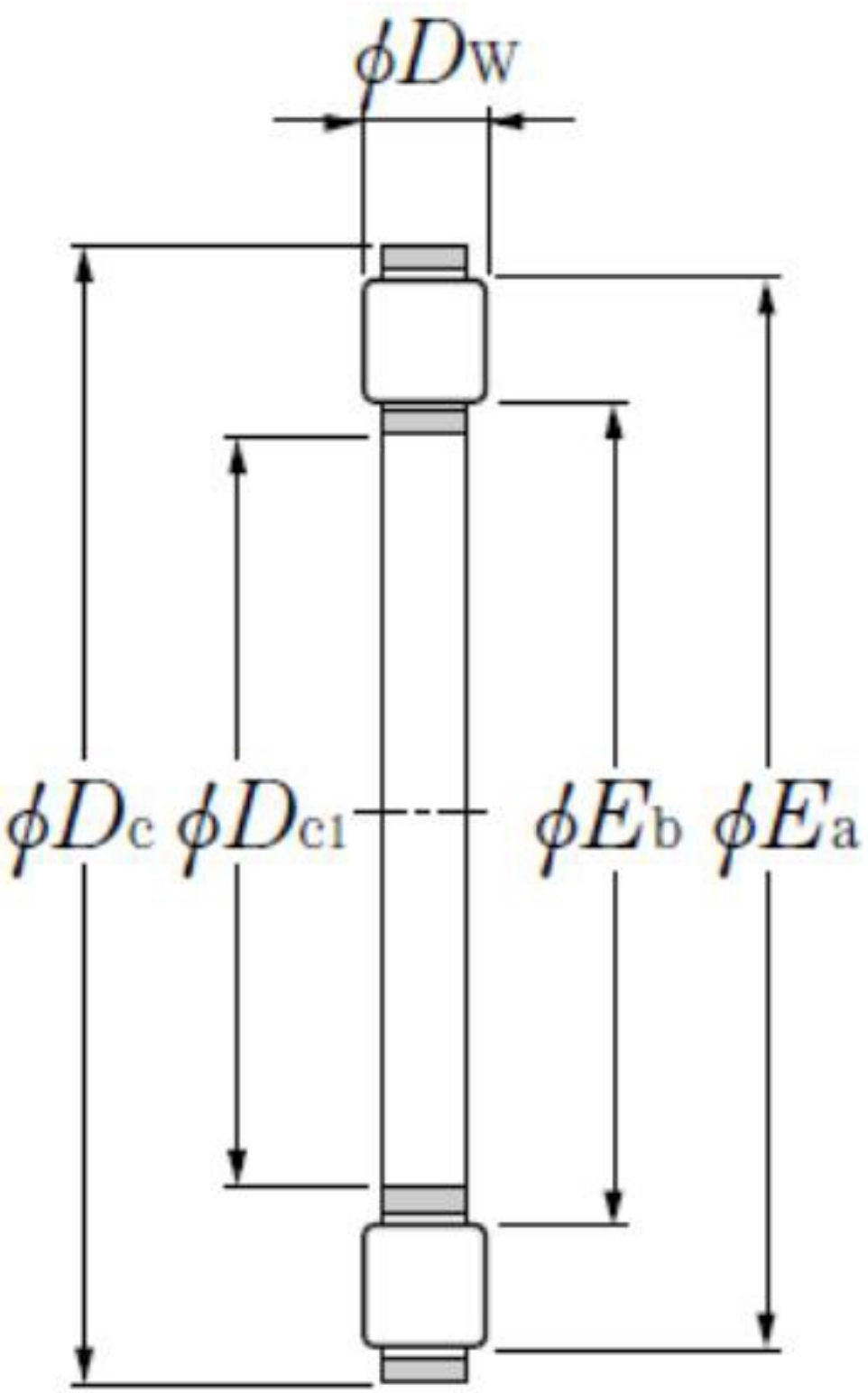
K81216T2

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	80 mm
Dc	115 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81216
Bearing ring (outer ring) GS	GS81216
Ea	108.4 mm
Eb	84.8 mm
Cage assembly mass	0.25 kg
Brand	NTN

Product performance

Ca	142 kN
C0a	460 kN
Nlim (grease)	630 Tr/min
Nlim (oil)	2,500 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	8.78 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPFI	9.5 Hz