Technical datasheet

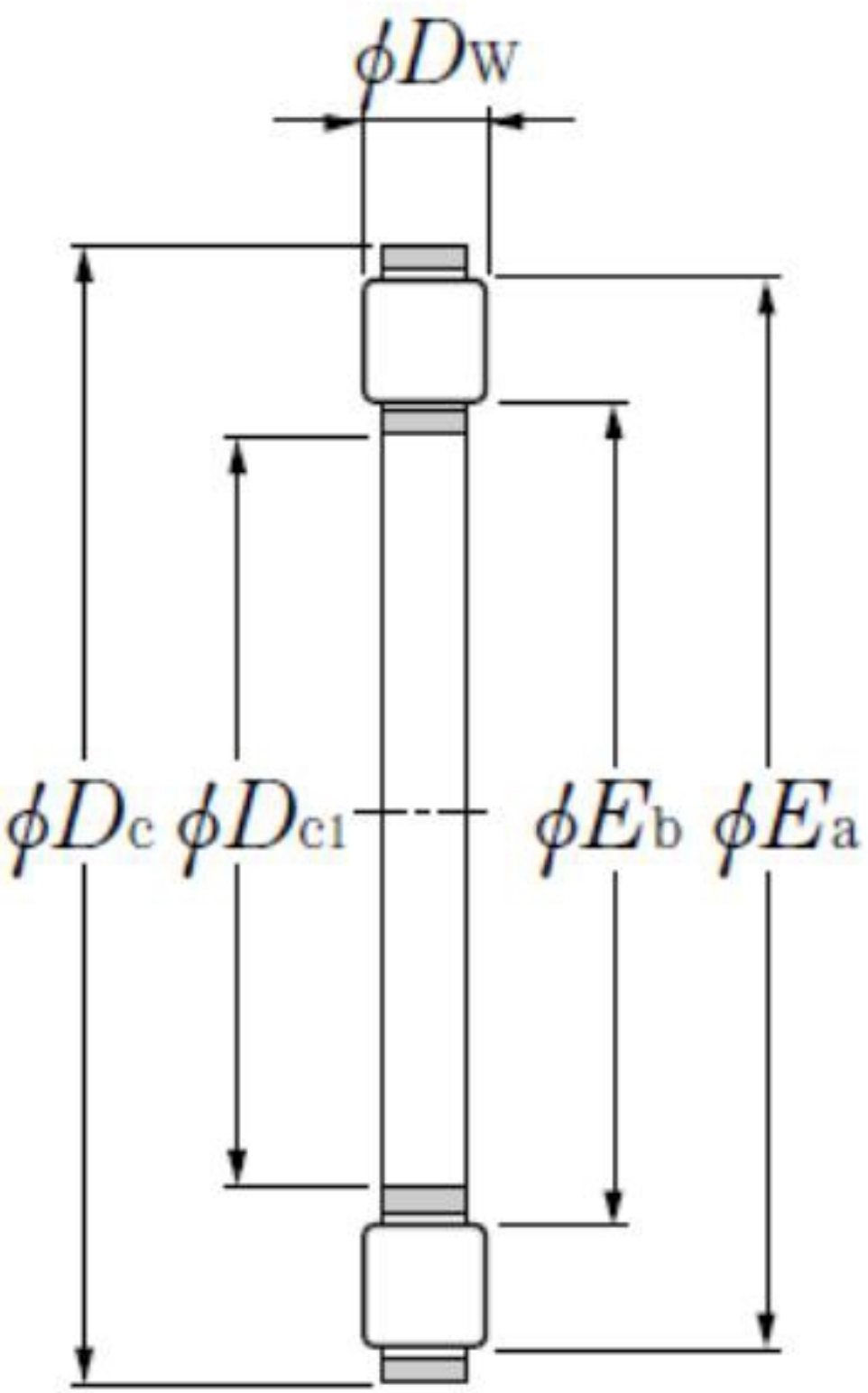
K81215T2

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	75 mm
Dc	110 mm
Dw	11 mm
Lw	11 mm
Bearing ring (inner ring) WS	WS81215
Bearing ring (outer ring) GS	GS81215
Ea	103.7 mm
Eb	80.1 mm
Cage assembly mass	0.24 kg
Brand	NTN

Product performance

Ca	138 kN
C0a	435 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	8.36 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz