Technical datasheet

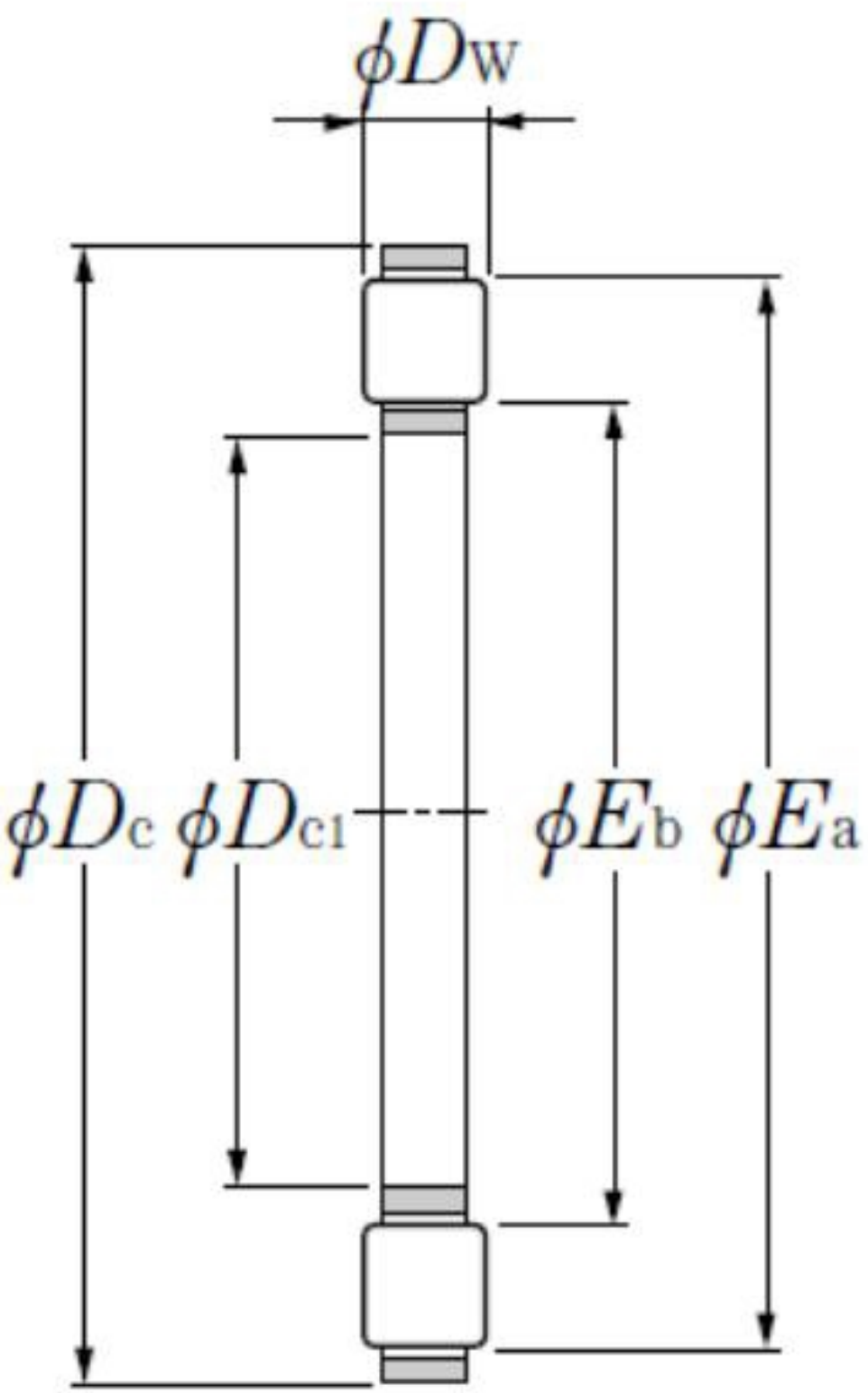
K81209T2

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	45 mm
Dc	73 mm
Dw	9 mm
Lw	9 mm
Bearing ring (inner ring) WS	WS81209
Bearing ring (outer ring) GS	GS81209
Ea	68 mm
Eb	48.8 mm
Cage assembly mass	0.1 kg
Brand	NTN

Product performance

Ca	82 kN
C0a	222 kN
Nlim (grease)	1,000 rpm
Nlim (oil)	4,100 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	6.49 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BPFI	7 Hz