Technical datasheet

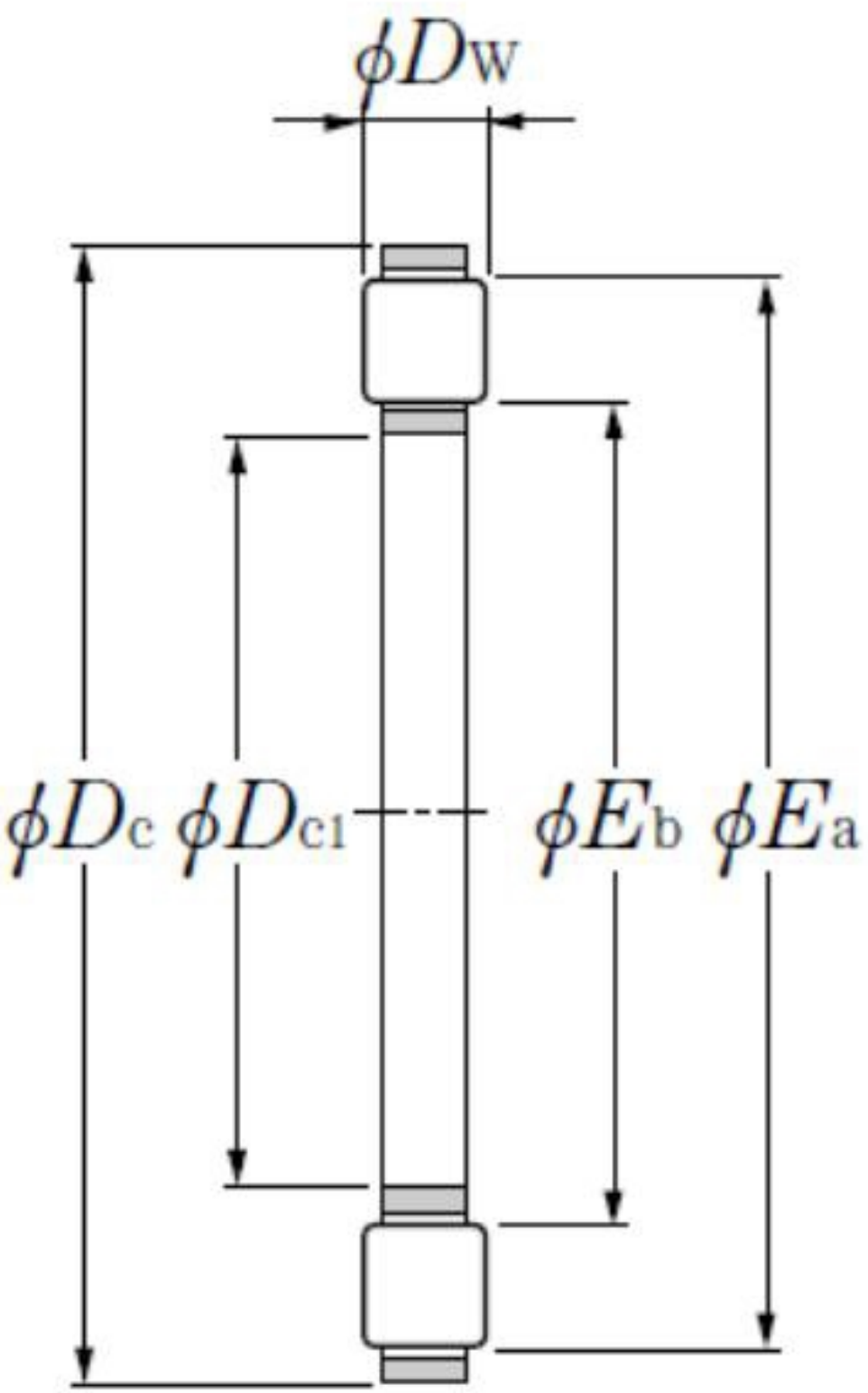
K81207T2

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	35 mm
Dc	62 mm
Dw	7.5 mm
Lw	7.5 mm
Bearing ring (inner ring) WS	WS81207
Bearing ring (outer ring) GS	GS81207
Ea	56 mm
Eb	39.8 mm
Cage assembly mass	0.06 kg
Brand	NTN

Product performance

Ca	54.5 kN
C0a	139 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	4,900 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	6.39 Hz
Characteristic outer ring frequency, BPF0	6.5 Hz
Characteristic inner ring frequency, BPFI	6.5 Hz