Technical datasheet

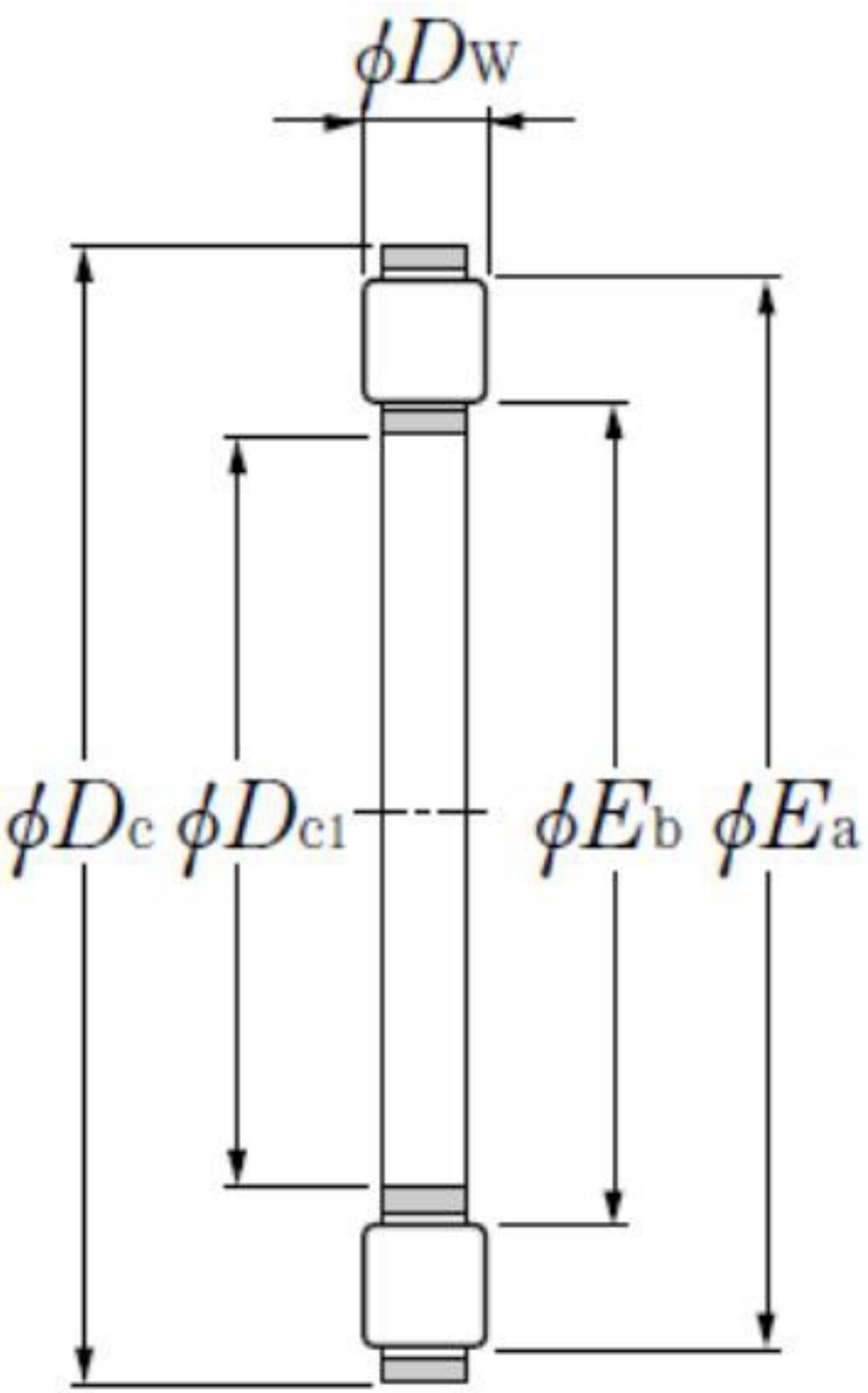
K81228

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	140 mm
Dc	200 mm
Dw	19 mm
Lw	19 mm
Bearing ring (inner ring) WS	WS81228
Bearing ring (outer ring) GS	GS81228
Ea	189 mm
Eb	150.1 mm
Cage assembly mass	1.2 kg
Brand	NTN

Product performance

Ca	370 kN
C0a	1,280 kN
Nlim (grease)	350 rpm
Nlim (oil)	1,400 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	8.92 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPFI	9 Hz