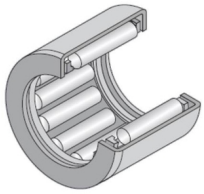
Technical datasheet

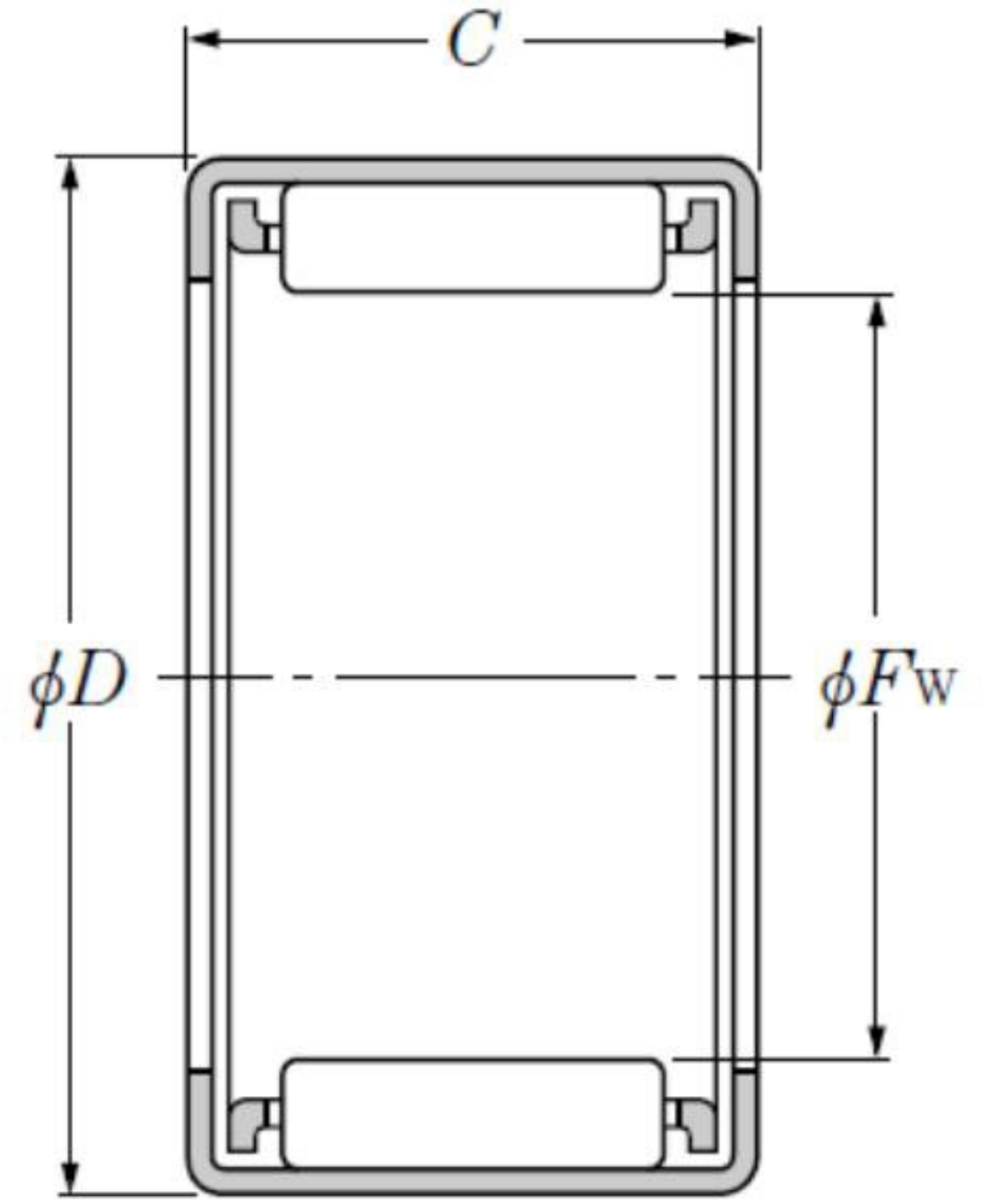
HMK0810C

Drawn cup needle roller bearings, opened end



Needle roller bearing, drawn cup, open end, heavy load

Visual(s)



Product definition

Fw	8 mm
D	15 mm
C	10 mm
Dw	2.5 mm
Lw	5.3 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR5X8X12
Mass	0.0067 kg

Product performance

Cr	4.2 kN
C0r	3.3 kN
Nlim (grease)	20,000 rpm
Nlim (oil)	30,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.96 Hz
Characteristic outer ring frequency, BPF0	3.05 Hz
Characteristic inner ring frequency, BPFI	4.95 Hz