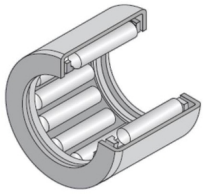
Technical datasheet

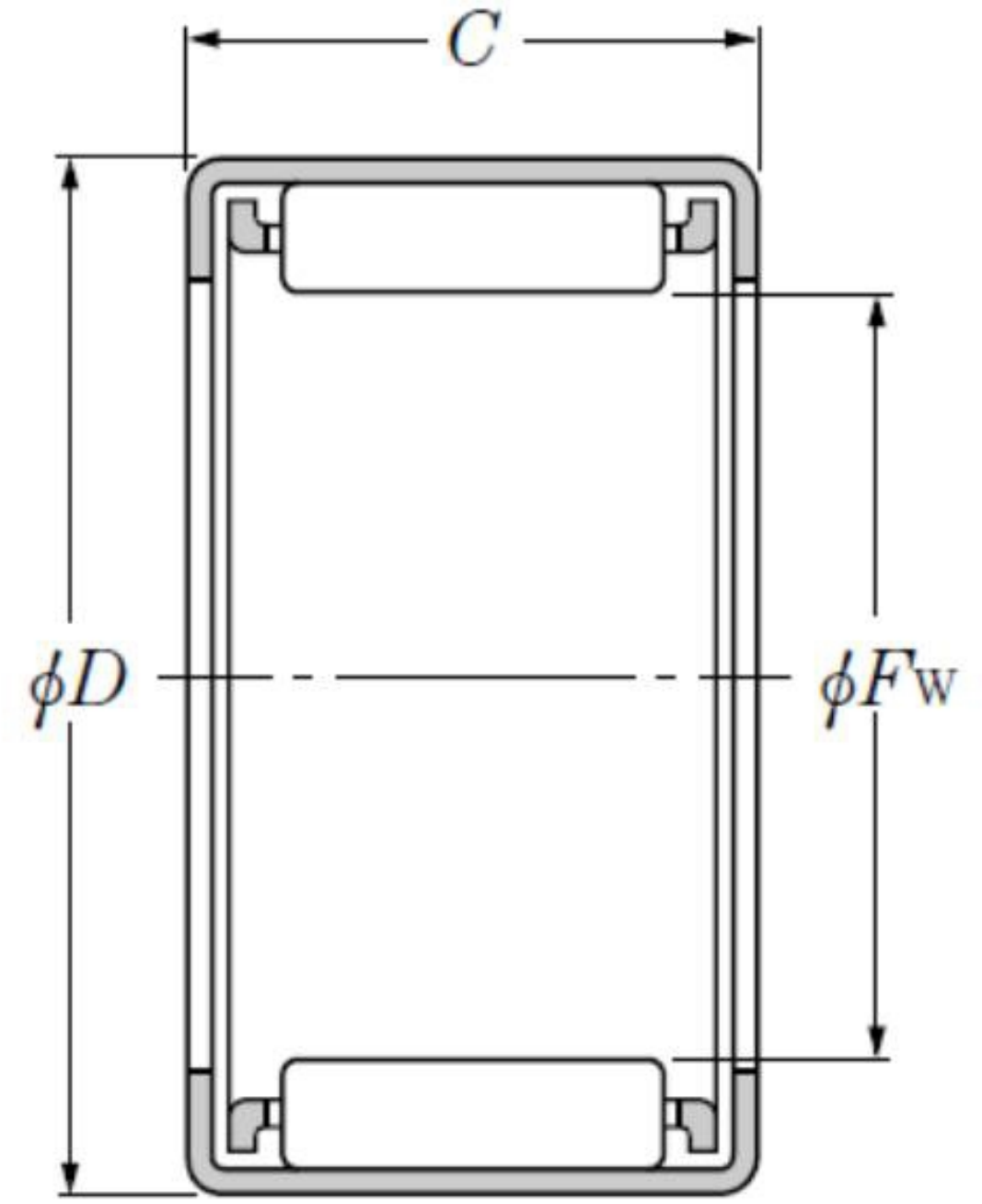
HMK0912

Drawn cup needle roller bearings, opened end



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

Visual(s)



Product definition

Fw	9 mm
D	16 mm
C	12 mm
Dw	2.5 mm
Lw	7.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR6X9X16
Mass	0.0087 kg

Product performance

Cr	5.3 kN
C0r	4.45 kN
Nlim (grease)	18,000 rpm
Nlim (oil)	27,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.38 Hz
Characteristic outer ring frequency, BPF0	2.74 Hz
Characteristic inner ring frequency, BPFI	4.26 Hz