

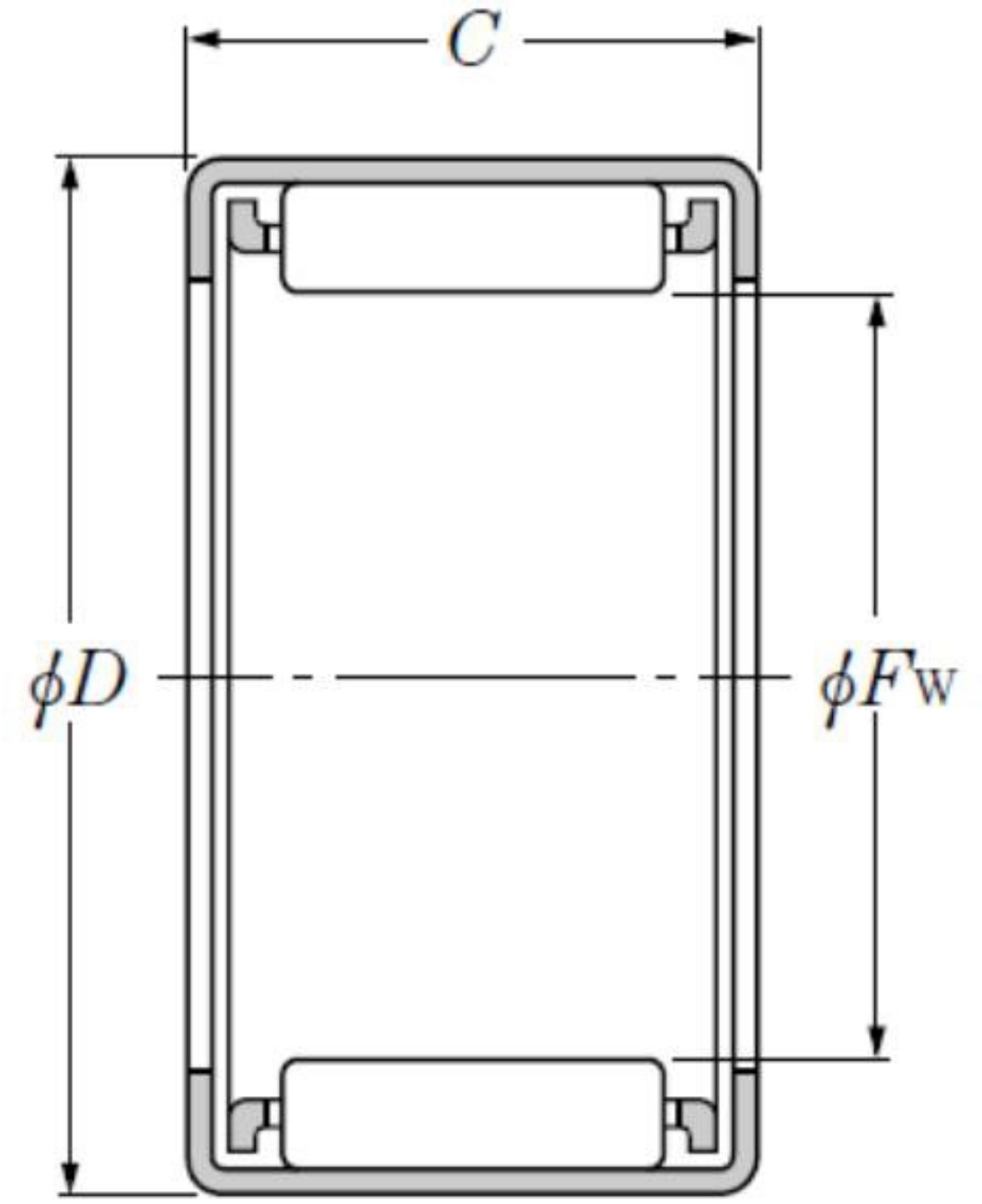
Technical data

HK0509FM

Drawn cup needle roller bearings, opened end

Needle roller bearing, drawn cup, open end

Visual(s)



Product definition

Fw	5 mm
D	9 mm
C	9 mm
Dw	1.5 mm
Lw	5.3 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	No
Mass	0.0019 kg

Product performance

Cr	2.45 kN
C0r	1.99 kN
Nlim (grease)	27,000 Tr/min
Nlim (oil)	40,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.1 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz