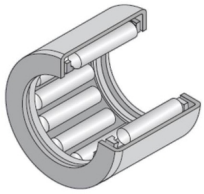
Technical datasheet

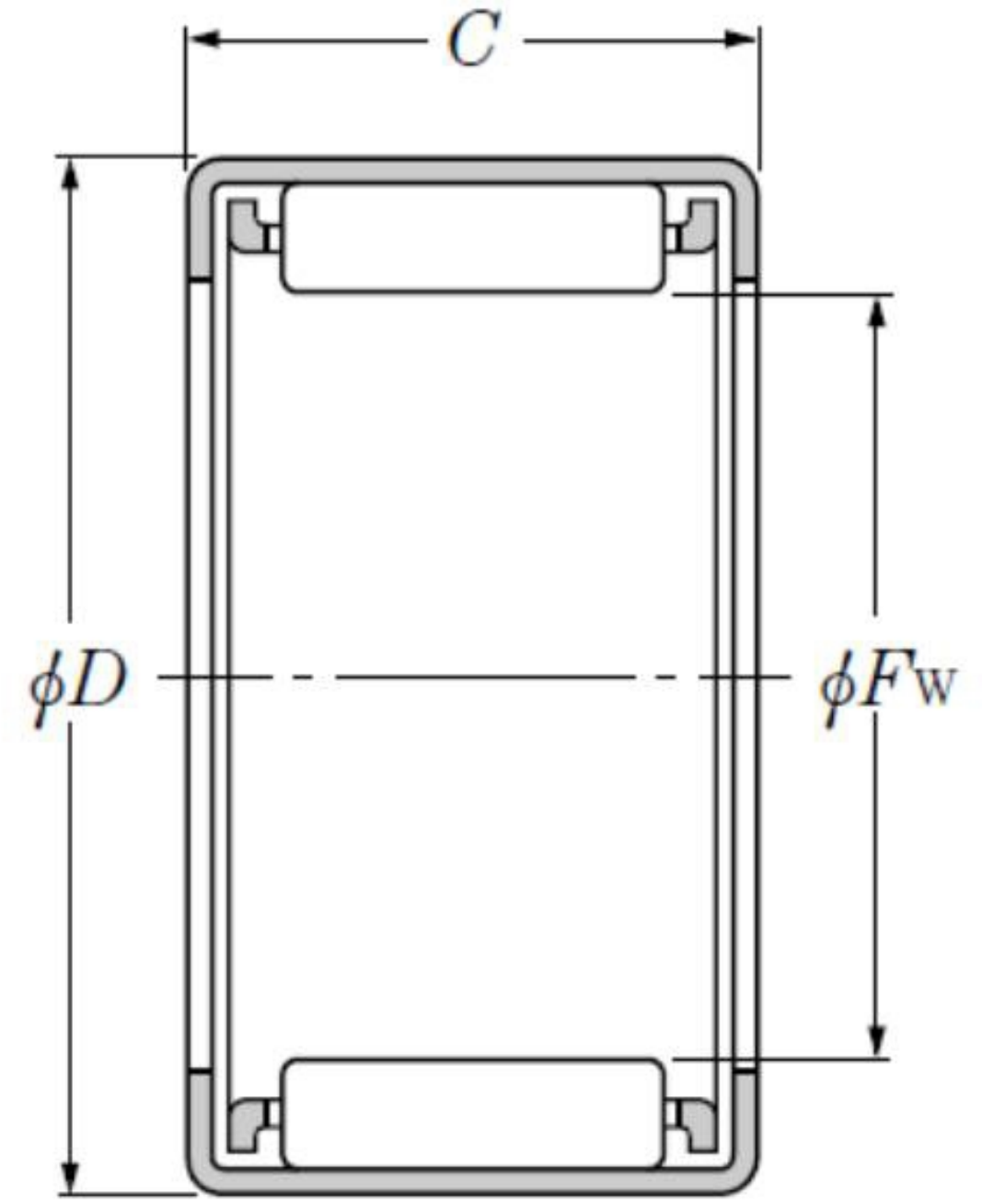
HMK1916

Drawn cup needle roller bearings, opened end



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

Visual(s)



Product definition

Fw	19 mm
D	27 mm
C	16 mm
Dw	3 mm
Lw	11.4 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR15X19X20
Mass	0.02 kg

Product performance

Cr	13.9 kN
C0r	16.3 kN
Nlim (grease)	8,500 rpm
Nlim (oil)	13,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.2 Hz
Characteristic outer ring frequency, BPF0	5.61 Hz
Characteristic inner ring frequency, BPFI	7.39 Hz